

FIG. 1

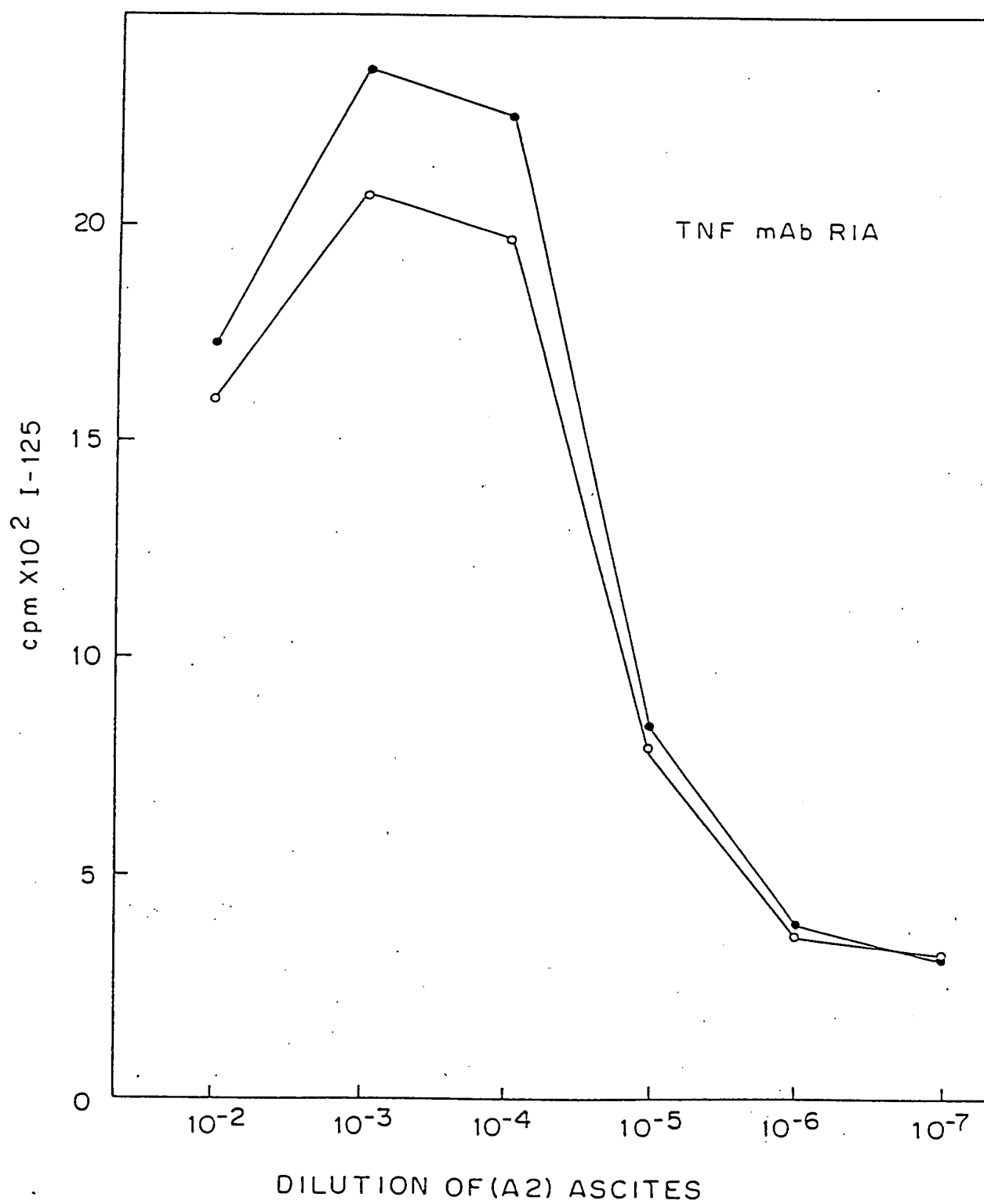


FIG. 2

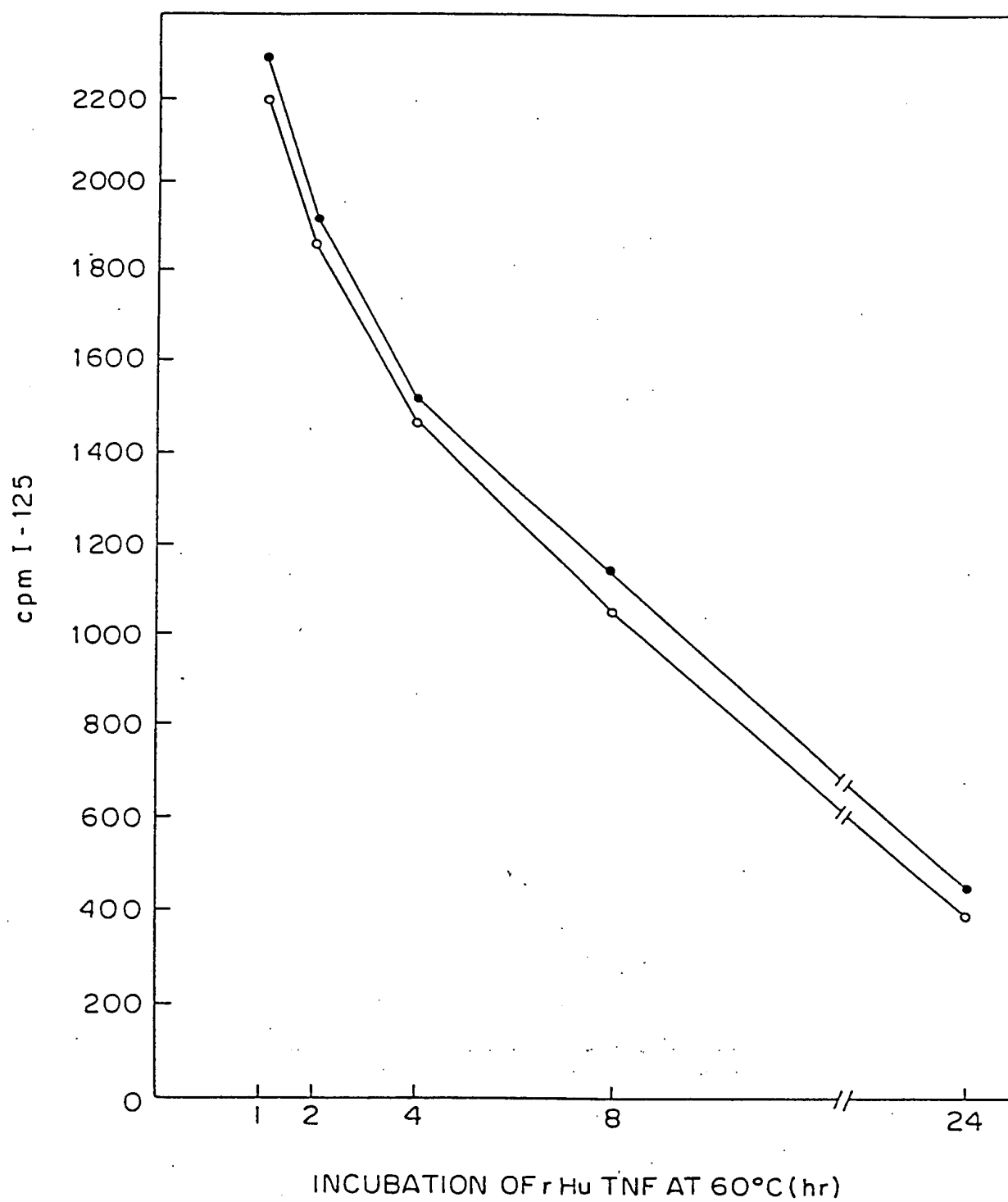


FIG. 3

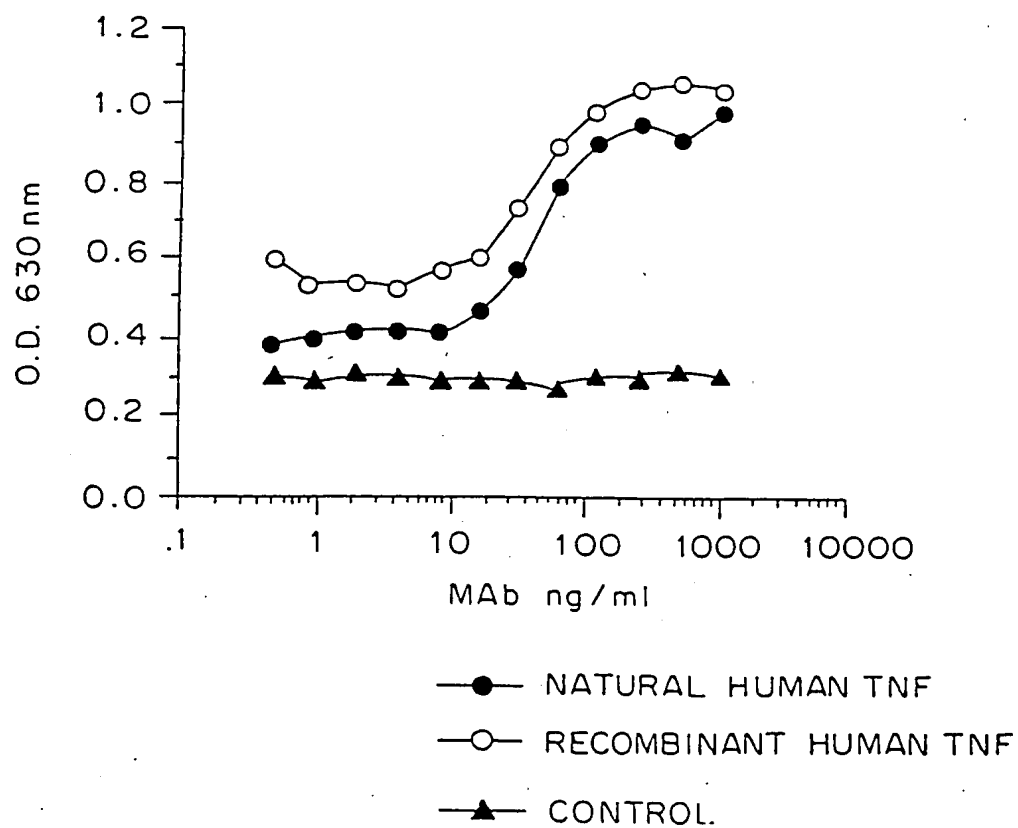


FIG. 4

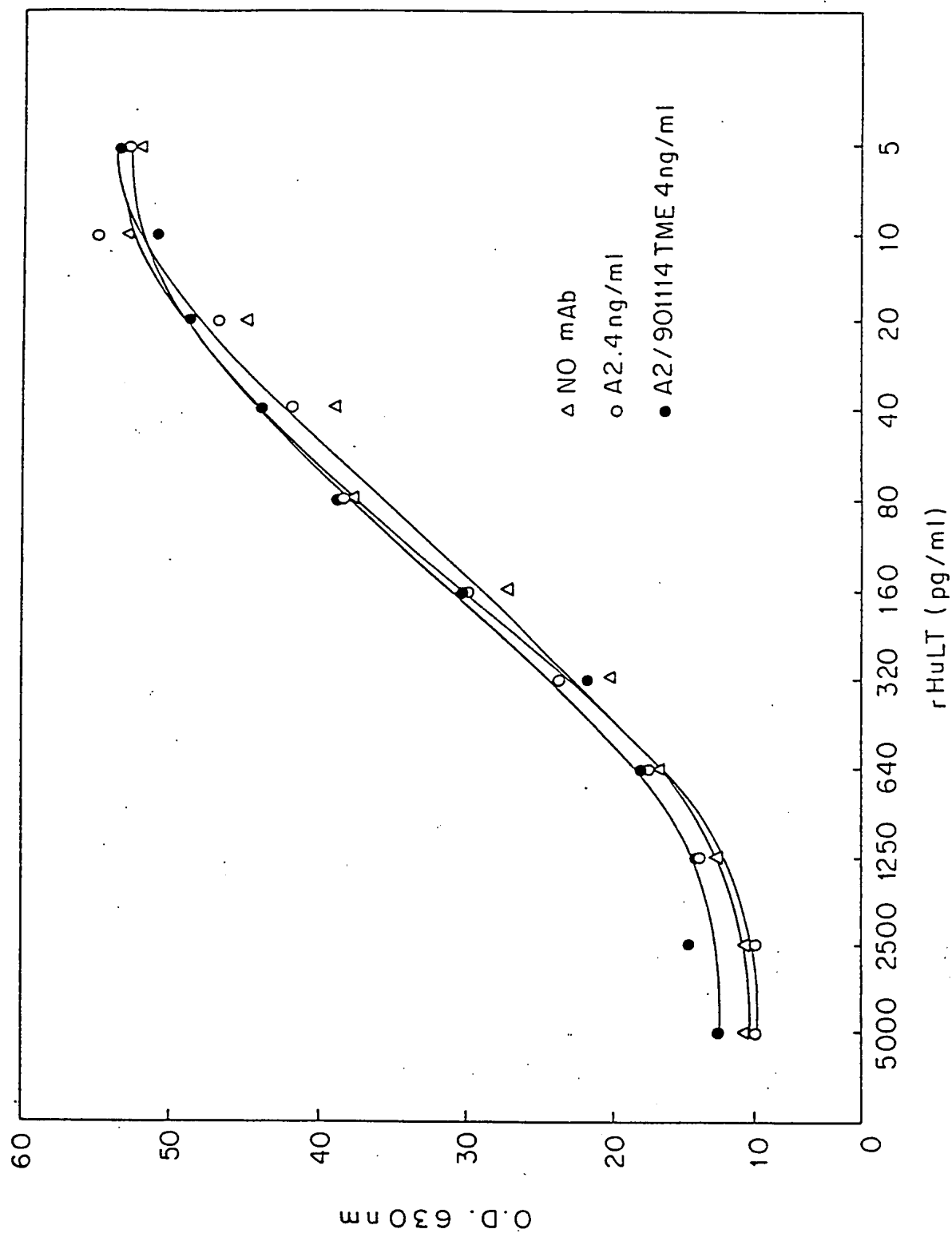


FIG. 5

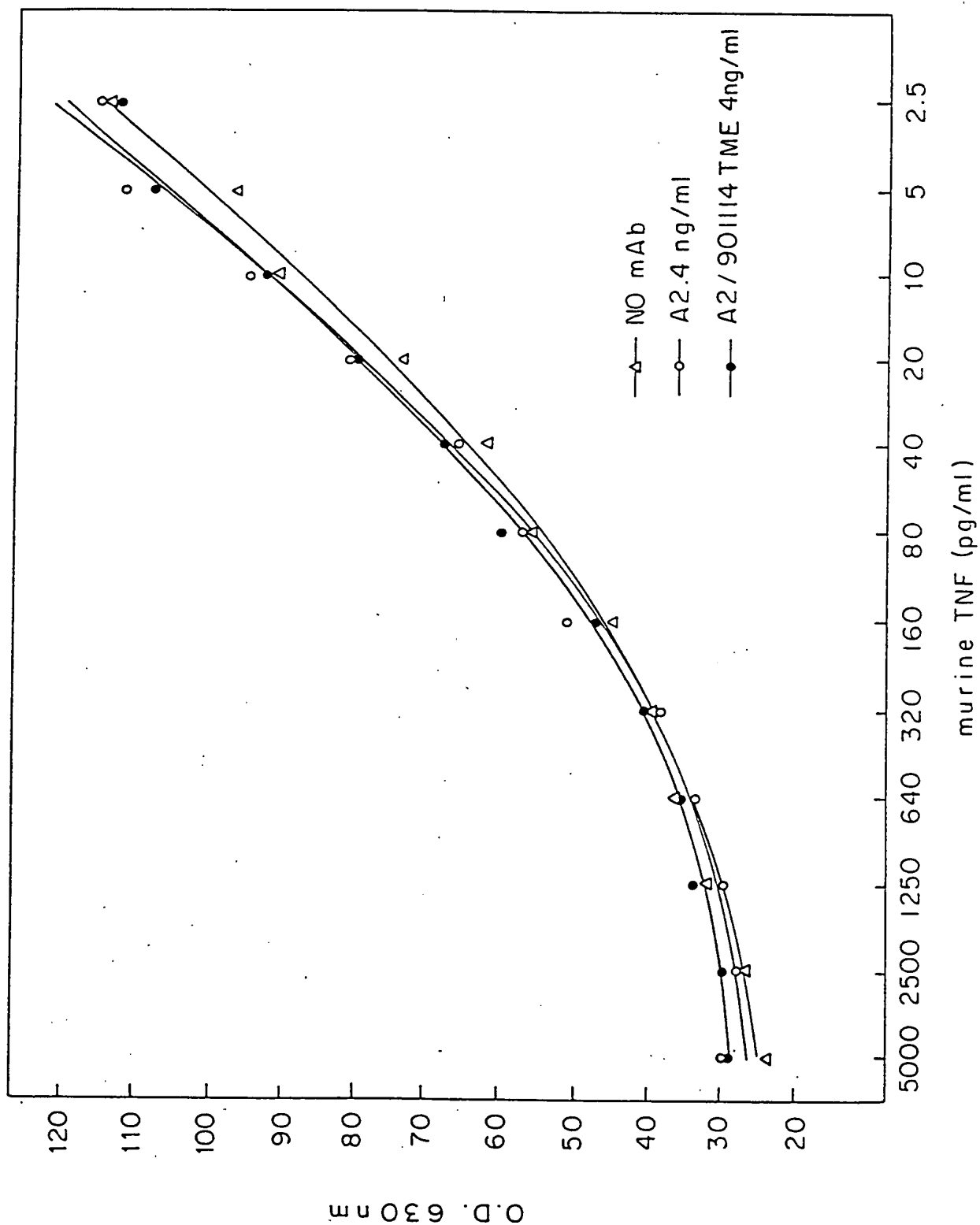


FIG. 6

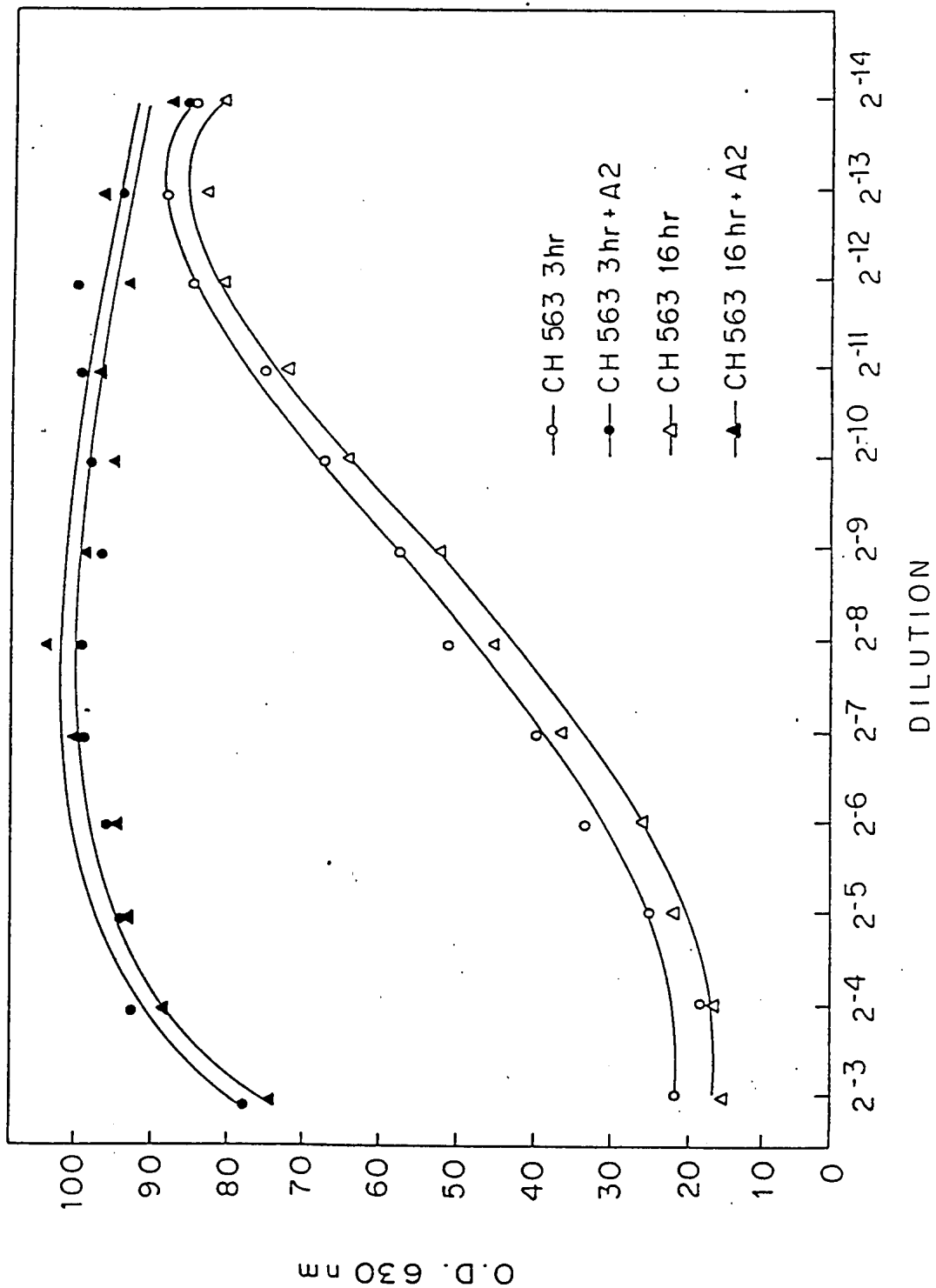


FIG. 7

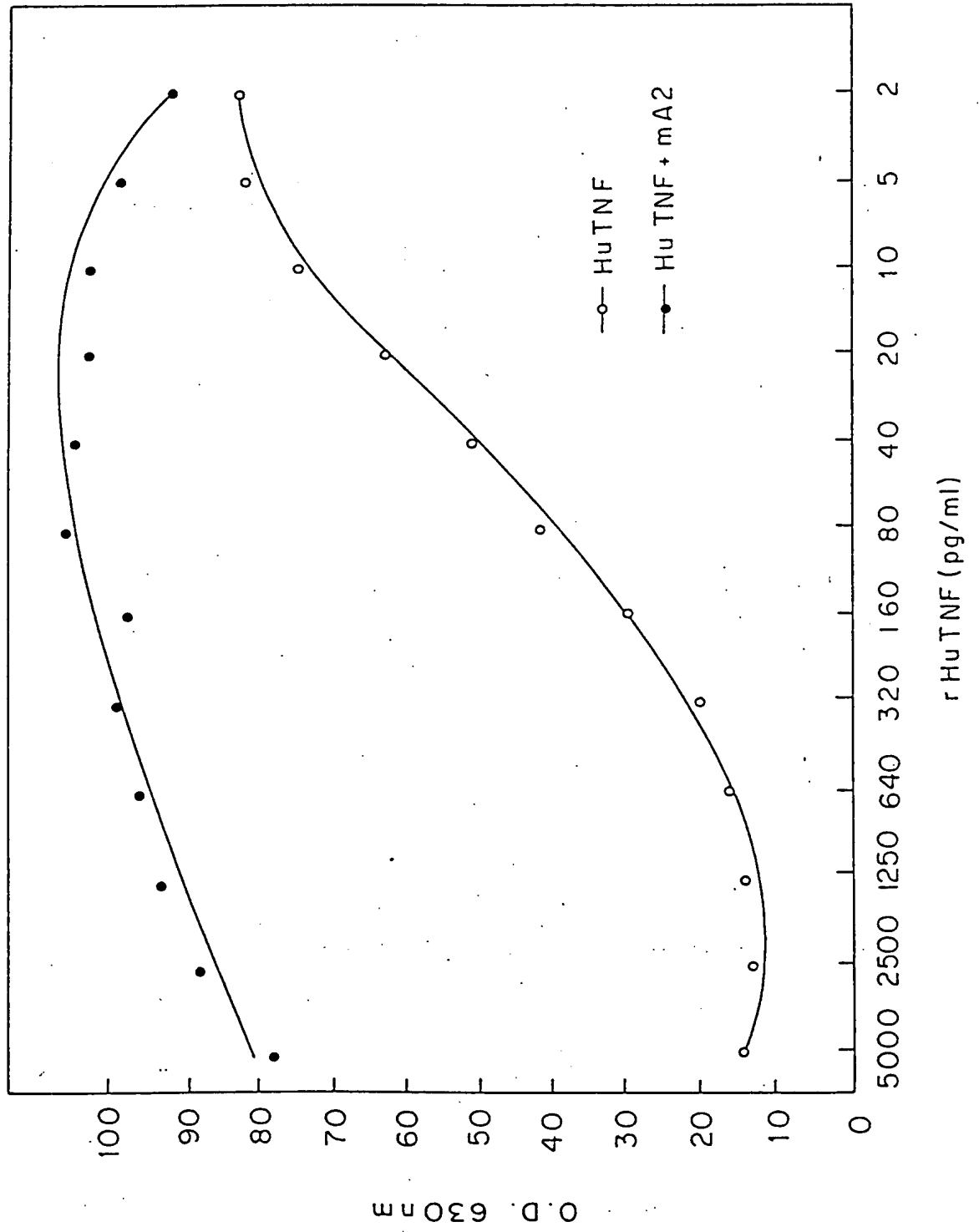


FIG. 8a

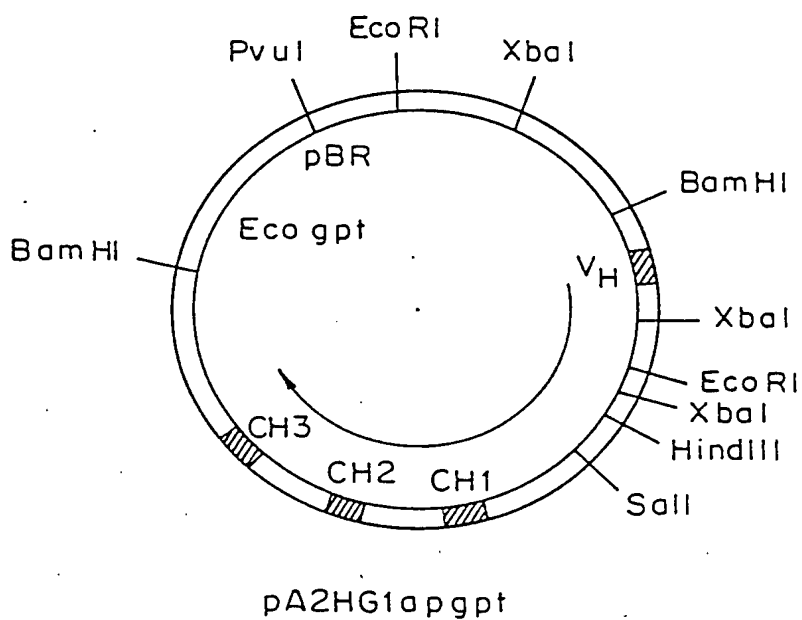


FIG. 8b

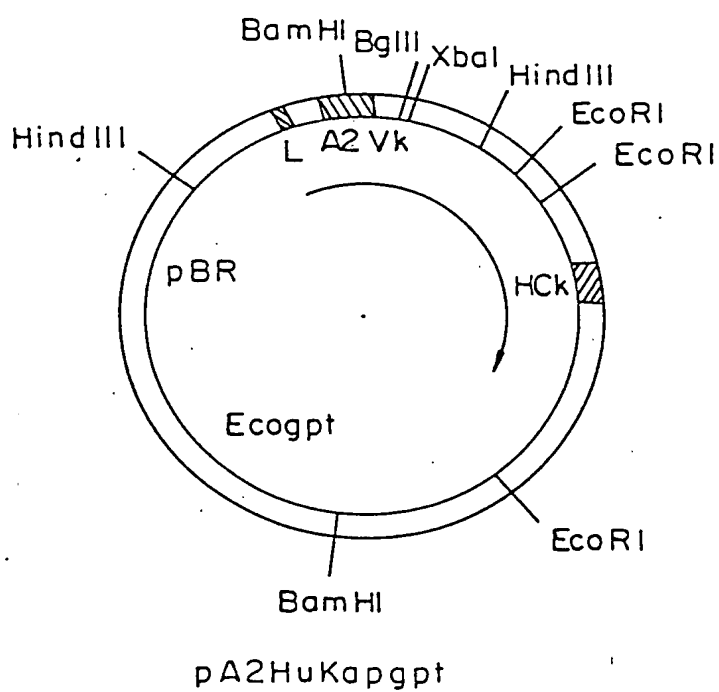


FIG. 9a

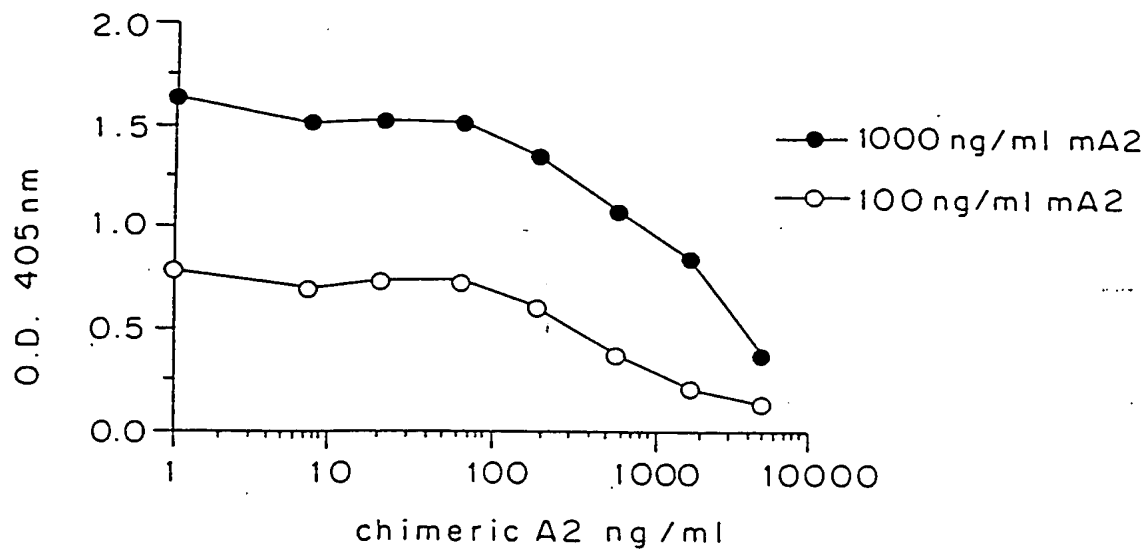


FIG. 9b

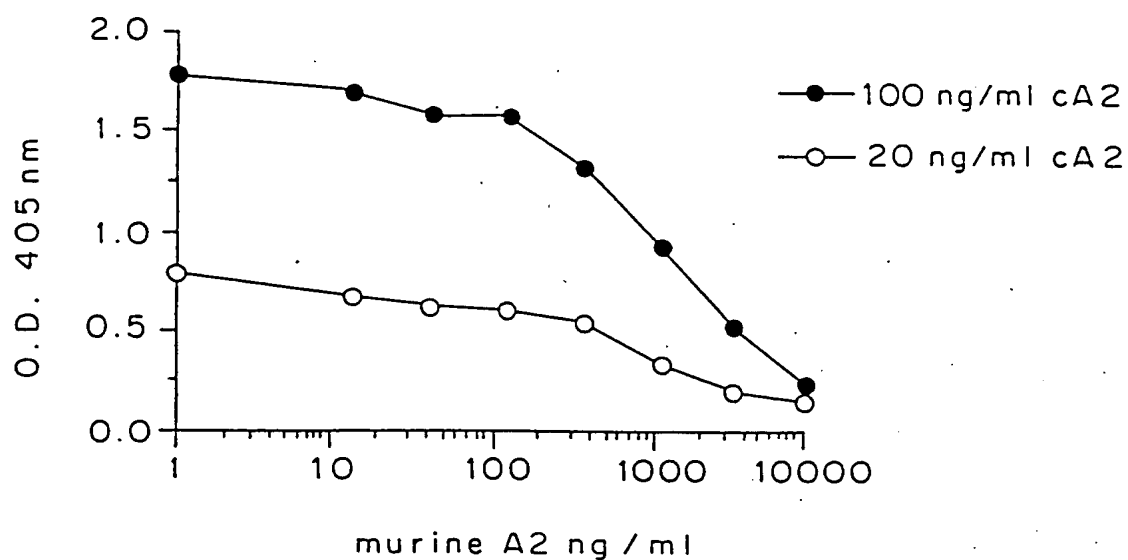


FIG. 10a

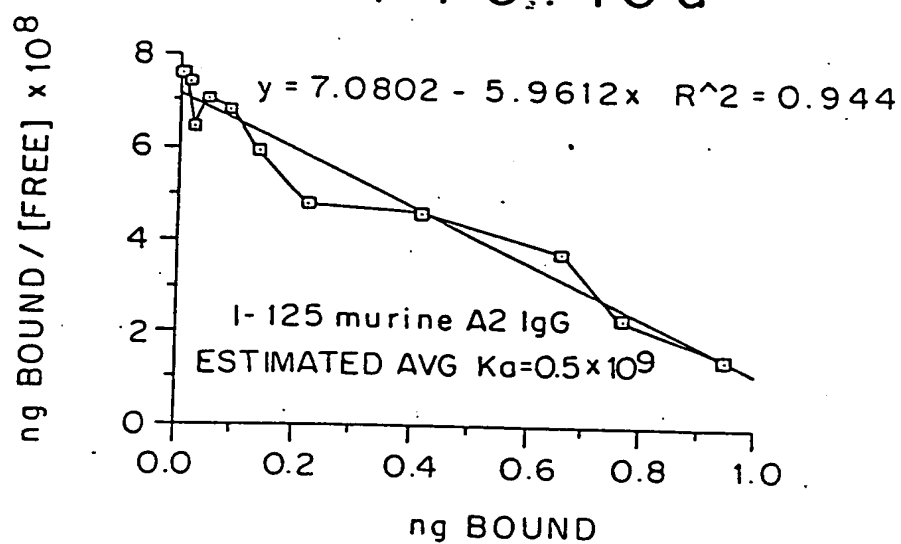


FIG. 10b

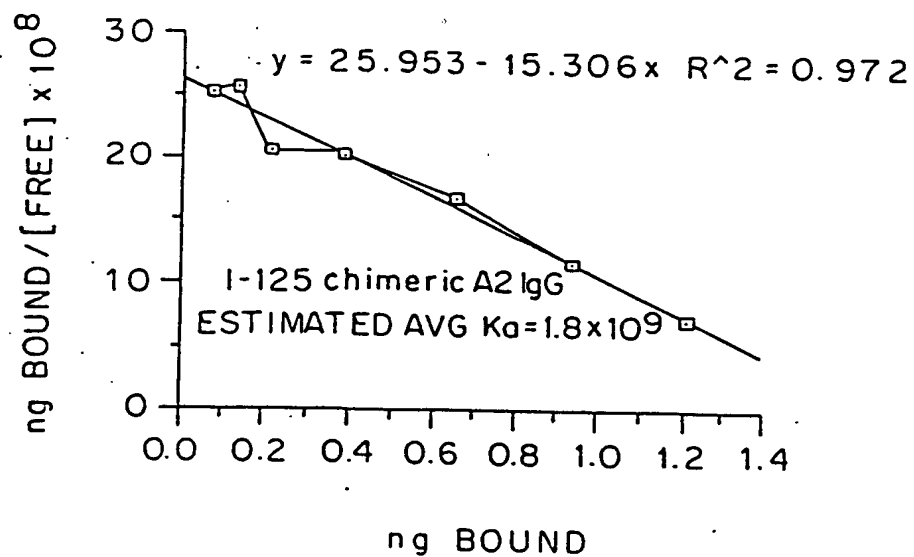


FIG. 11

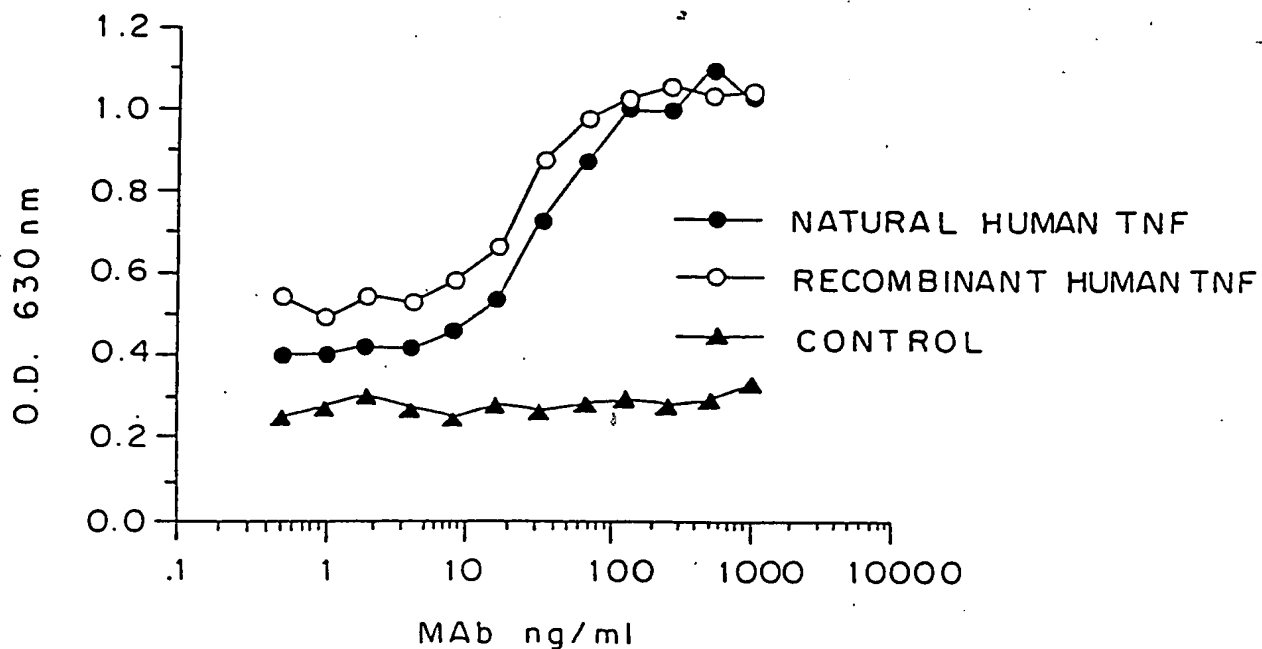


FIG. 12

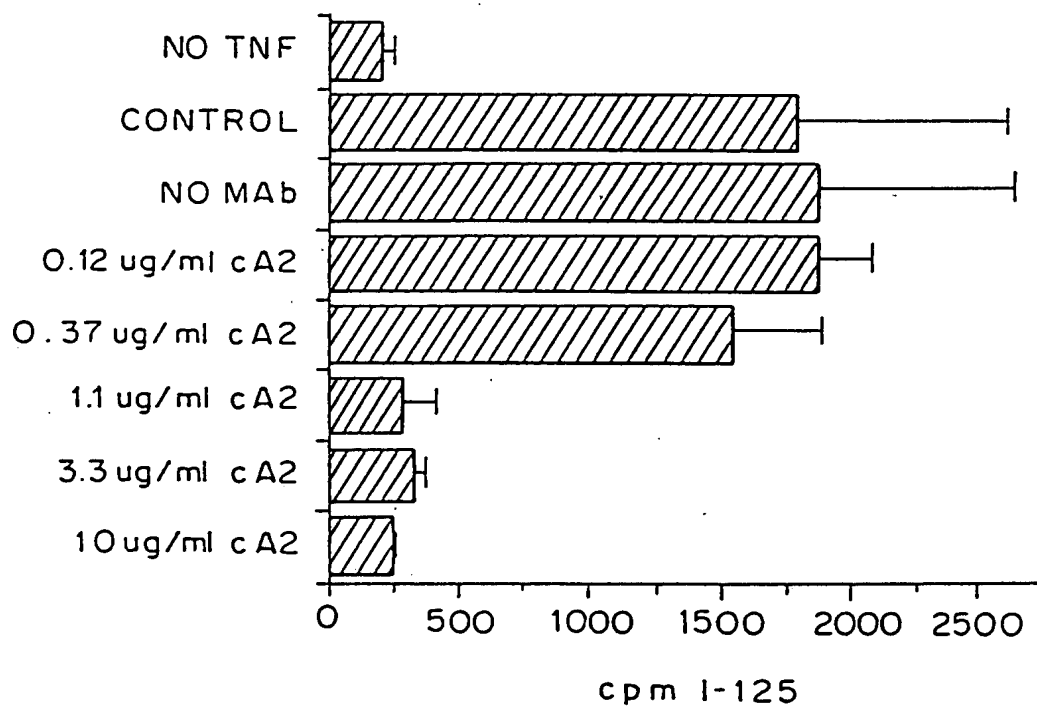


FIG. 13

1	Val Arg Ser Ser Arg Thr Pro Ser Asp Lys Pro Val Ala His Val Val Ala Asn Pro	10
21	Gln Ala Glu Gly Gln Leu Gln Trp Leu Asn Arg Arg Ala Asn Ala Leu Leu Ala Asn Gly	30
41	Val Glu Leu Arg Asp Asn Gln Leu Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser	50
61	Gln Val Leu Phe Lys Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile	70
81	Ser Arg Ile Ala Val Ser Tyr Gln Thr Lys Val Asn Leu Leu Ser Ala Ile Lys Ser Pro	90
101	Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Lys Pro Trp Tyr Glu Pro Ile Tyr Leu	110
121	Gly Gly Val Phe Gln Leu Glu Lys Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp	130
141	Tyr Leu Asp Phe Ala Glu Ser Gly Gln Val Tyr Phe Gly Ile Ile Ala Leu	150

FIG. 14a

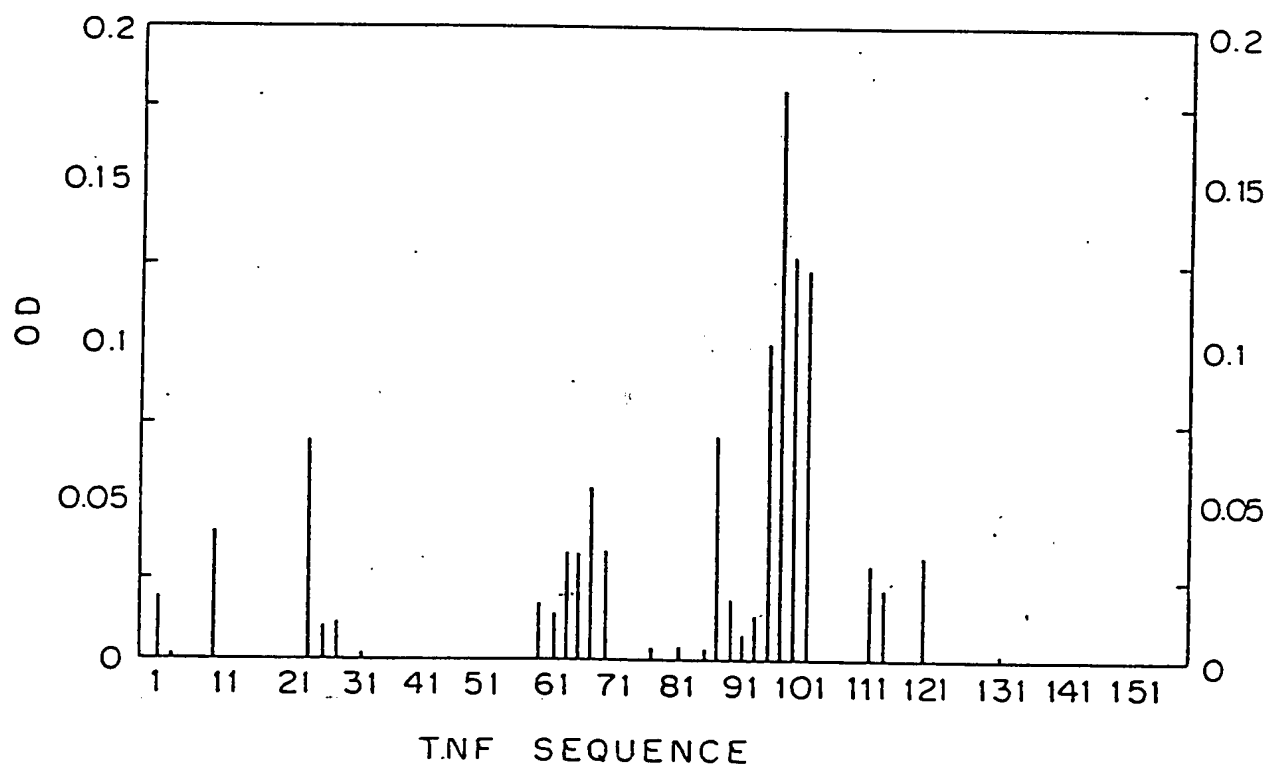


FIG. 14b

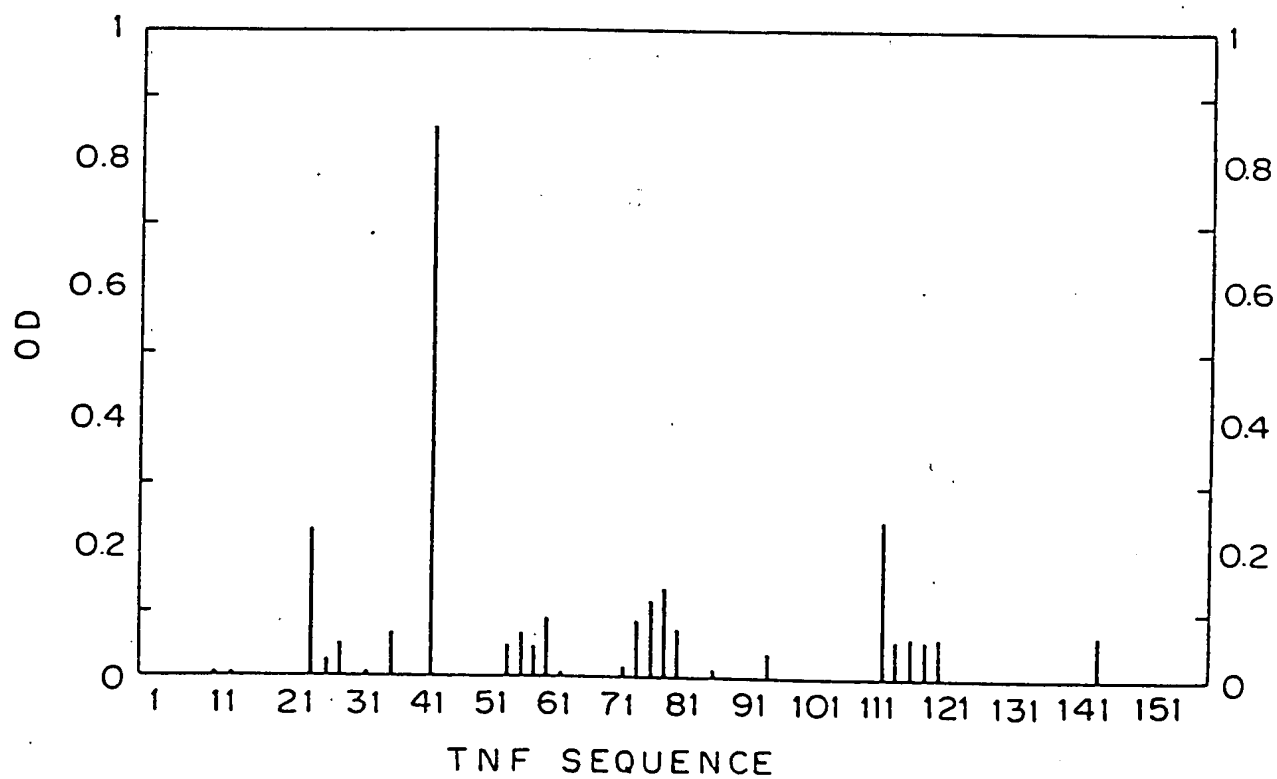


FIG. 15

1	Val Arg Ser Ser Arg Thr Pro Ser Asp Lys Pro Val Ala His Val Val Ala Asn Pro
21	Gln Ala Glu Gly Gln Leu Gln Trp Leu Asn Arg Arg Ala Asn Ala Leu Leu Ala Asn Gly
41	Val Glu Leu Arg Asp Asn Gln Leu Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser
61	Gln Val Leu Phe Lys Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile
81	Ser Arg Ile Ala Val Ser Tyr Gln Thr Lys Val Asn Leu Leu Ser Ala Ile Lys Ser Pro
101	Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Lys Pro Trp Tyr Glu Pro Ile Tyr Leu
121	Gly Gly Val Phe Gln Leu Glu Lys Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp
141	Tyr Leu Asp Phe Ala Glu Ser Gly Gln Val Tyr Phe Gly Ile Ile Ala Leu

Figure 16

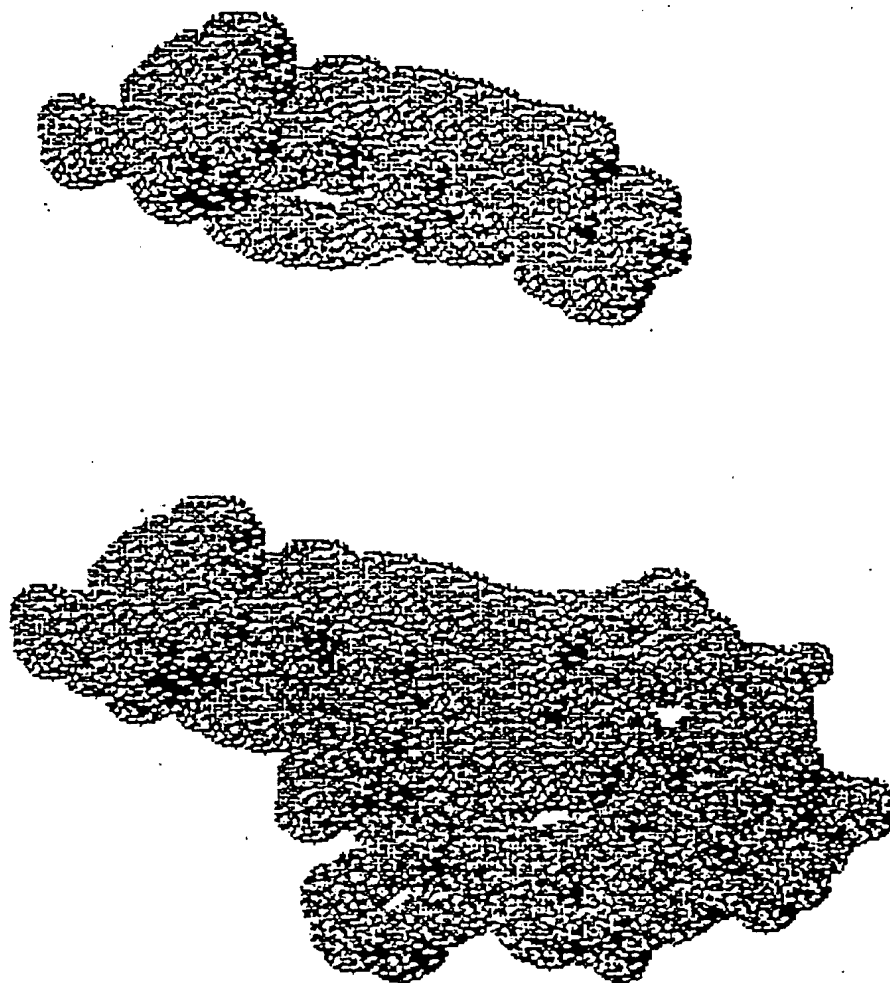


Figure 17A

CA2 LIGHT CHAIN VARIABLE REGION SEQUENCE

GACATCTTGCTCACTCAGTCTCCAGCCATCCTGCTGTGAGTCCAGGAGAAAGAGTCAGT
AspIleLeuLeuThrGlnSerProAlaIleLeuSerValSerProGlyGluArgValSer

TTCTCCTGCACGGCCCACTCACTTCGTTGGCTCAAGCATCCACTCGGTATCAGCAAAACA
PheSerCysArgAlaSerGlnPheValGlySerSerIleHisTrpTyrGlnGlnArgThr

AATCCTTCTCCAAGGCTTCTCATAAAGTATGCTTCTGAGTCTATGCTCTGGGATCCCTTCG
AsnGlySerProArgLeuLeuIleLysTyrAlaSerGluSerMetSerGlyIleProSer

AGGTTTAGTGGCAGTGGATCAGGCACAGATTTTACTCTTAGCATCAACACTGTGGAGTGT
ArgPheSerGlySerGlySerGlyThrAspPheThrLeuSerIleAsnThrValGluSer

GAAGATATTGCAGATTATTACTGTCAAGAAAGTCATAGCTGCCCATTCACGTTCCGCTCG
GluAspIleAlaAspTyrTyrCysGlnGlnSerHisSerTrpProPheThrPheGlySer

CGGACAAATTTGCAAGTAAAA
GlyThrAsnLeuGluValLys

CAAGTCAAGCTTCACCACTCTCCACCACCCTTCCTCCAACCTCCAGCATCCATCAAACCTC
GluValLysLeuGluGluSerGlyGlyGlyLeuValGlnProGlyGlySerMetLysLeu

TCCTGTGTTGCCTCTGGATTCAATTTTCAGTAACCAGTGGATGAAGTGGGTCCGCCAGTCT
SerCysValAlaSerGlyPheIlePheSerAsnHisTrpMetAsnTrpValArgGlnSer

CCAGAGAAGGGGCTTGAGTGGGTTGCTCAAATTACATCAAAATCTATTAATTCTGCAACA
ProGluLysGlyLeuGluTrpValAlaGluIleArgSerLysSerIleAsnSerAlaThr

CATTATGCCGAGTCTGTGAAAGGGAGGTTACCATCTCAAGAGATGATTCCAAAAGTCCT
HisTyrAlaGluSerValLysGlyArgPheThrIleSerArgAspAspSerLysSerAla

GTCTACCTGCAAATGACCCACTTAAGAACTGAAGACACTGGCGTTTATTACTGTTCAGG
ValTyrLeuGlnMetThrAspLeuArgThrGluAspThrGlyValTyrTyrCysSerArg

AATTACTACGGTAGTACCTACGATACTCGGCCCAAGGCACCACTCTCAGAGTCTCC
AsnTyrTyrGlySerThrTyrAspTyrTrpGlyGlnGlyThrThrLeuThrValSer

Figure 17B

anti-TNF Trial

EMS

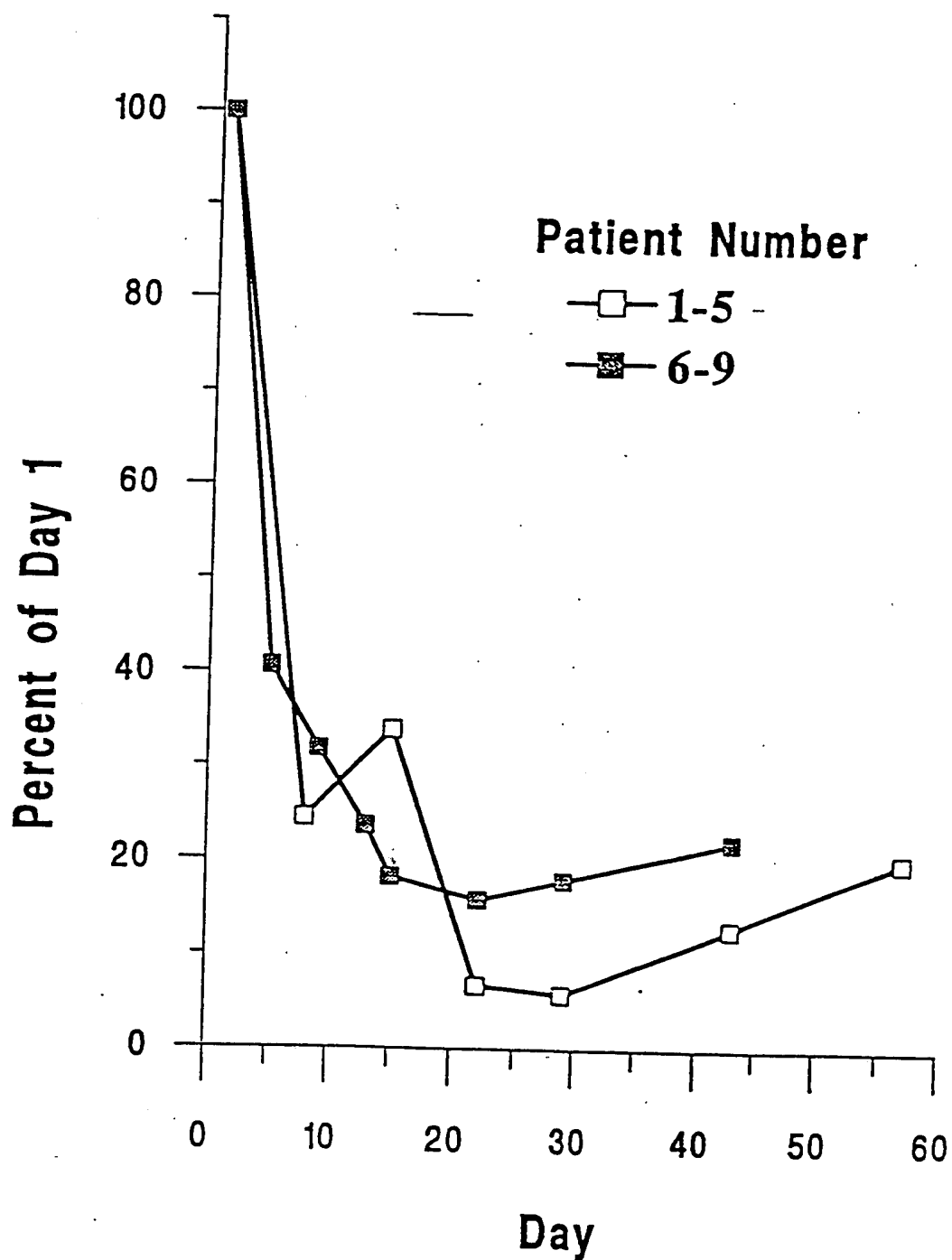


FIG-18

anti-TNF Trial

Pain

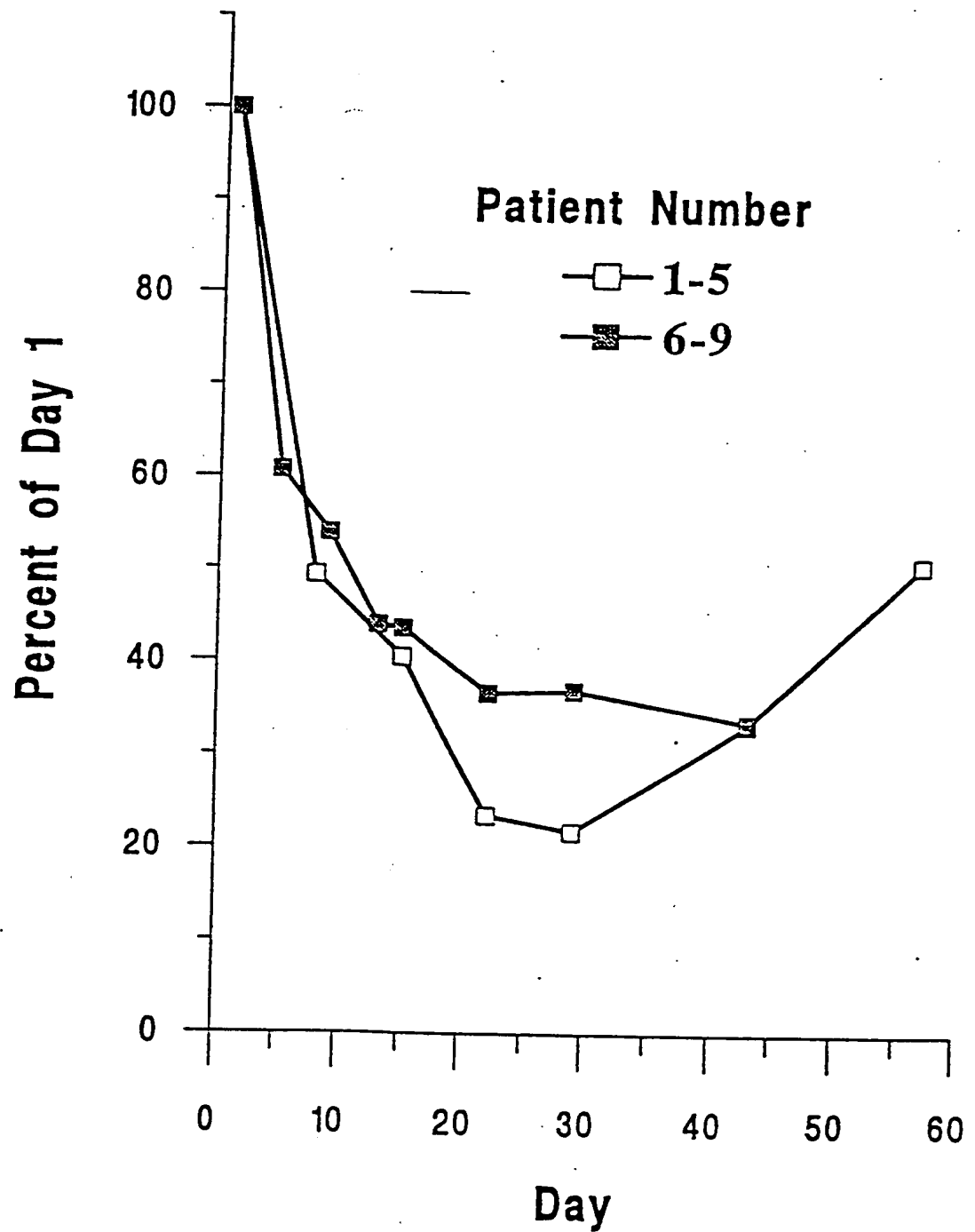
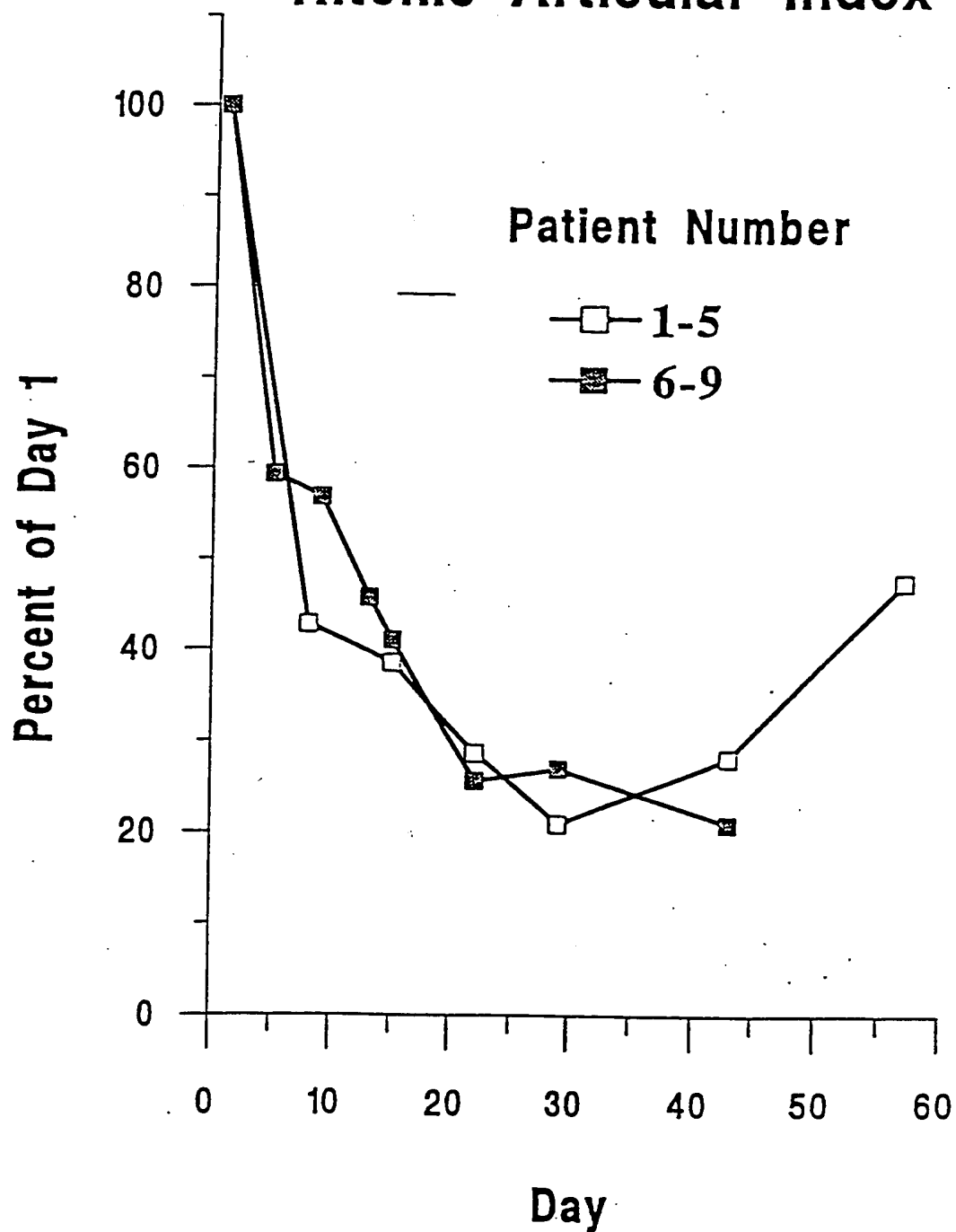


FIG. 19

anti-TNF Trial

Ritchie Articular Index



anti-TNF Trial

Swollen Joints

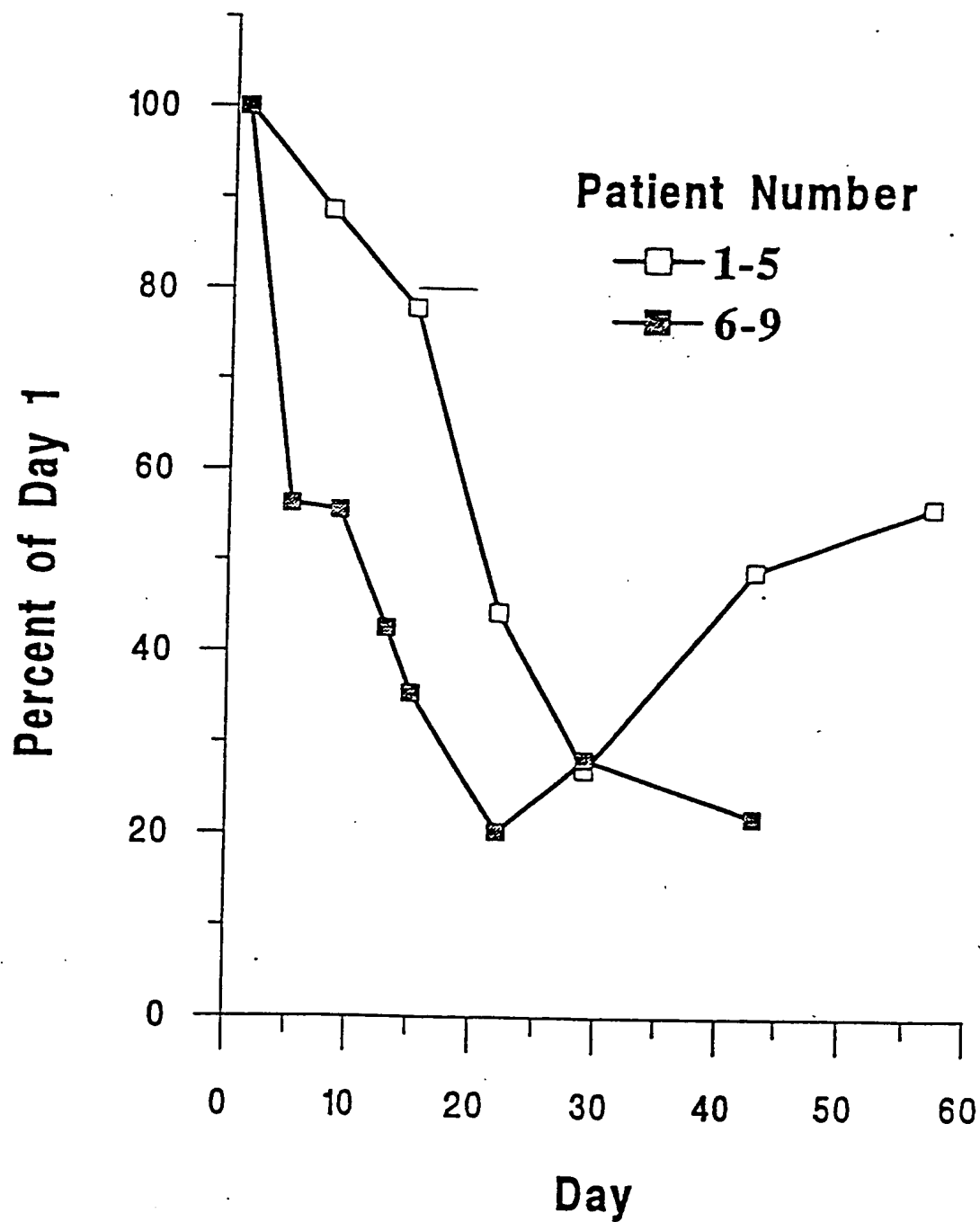


FIG 21

anti-TNF Trial

CRP

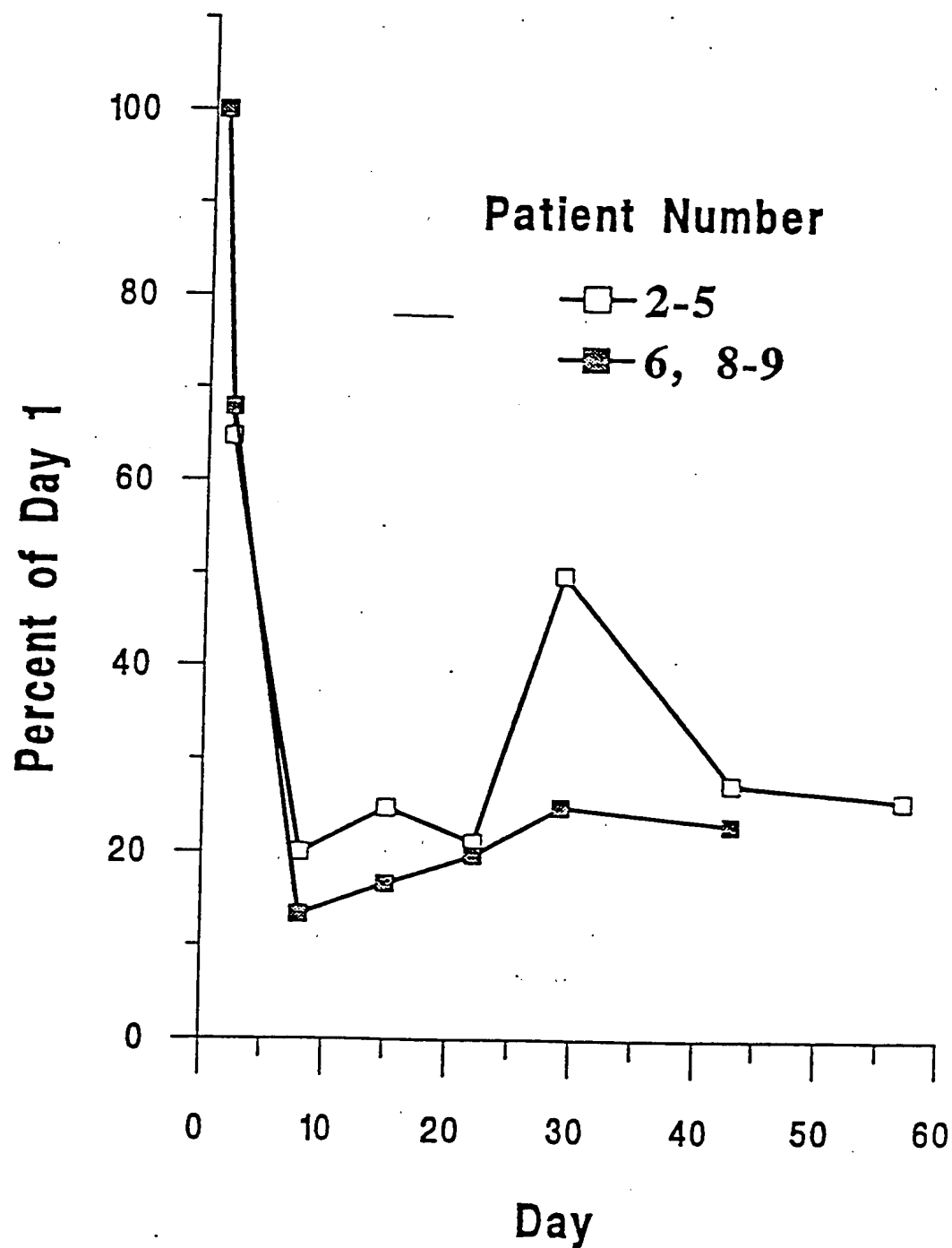


FIG. 22

anti-TNF Trial

ESR

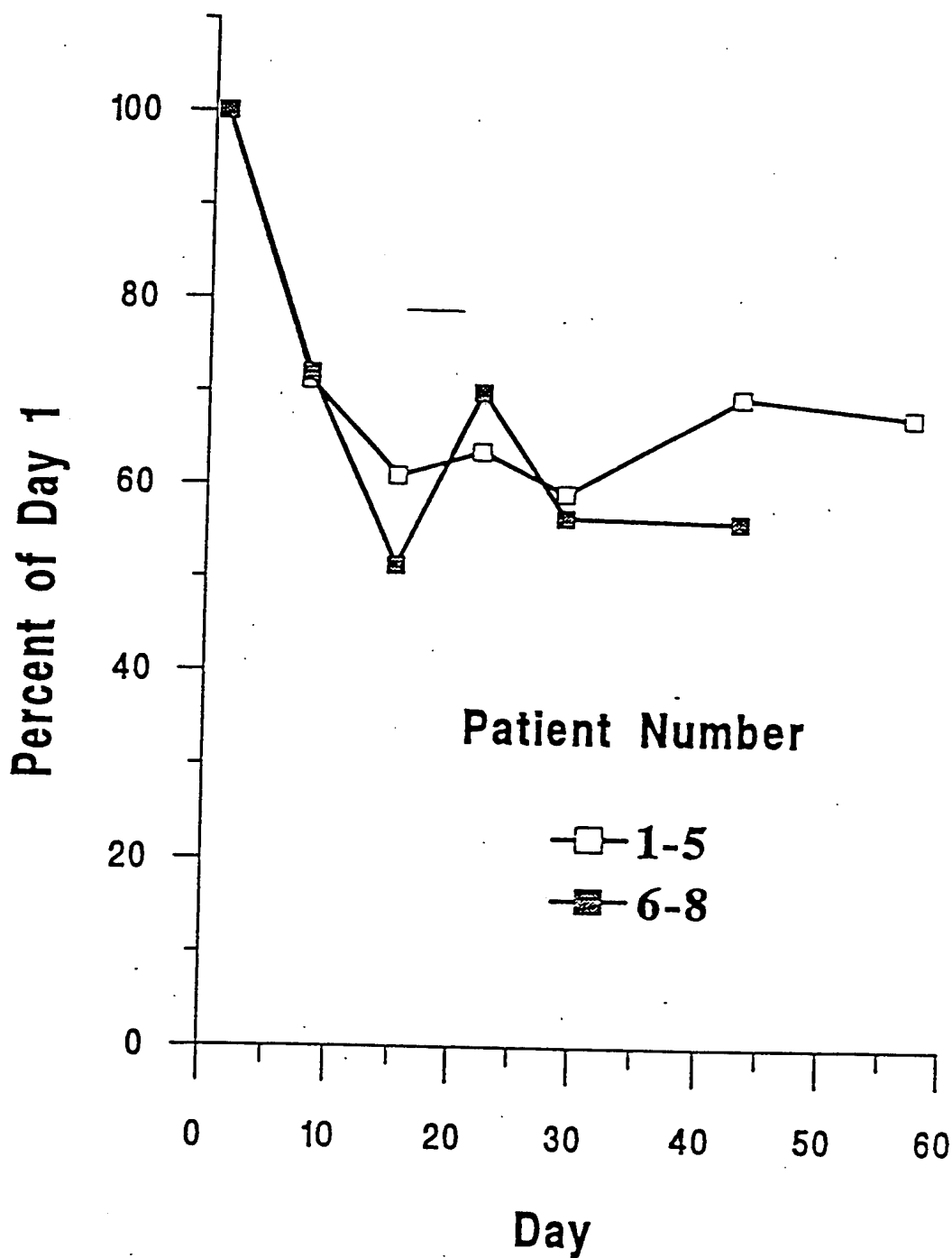


FIG 23

anti-TNF Trial

Index of Disease Activity

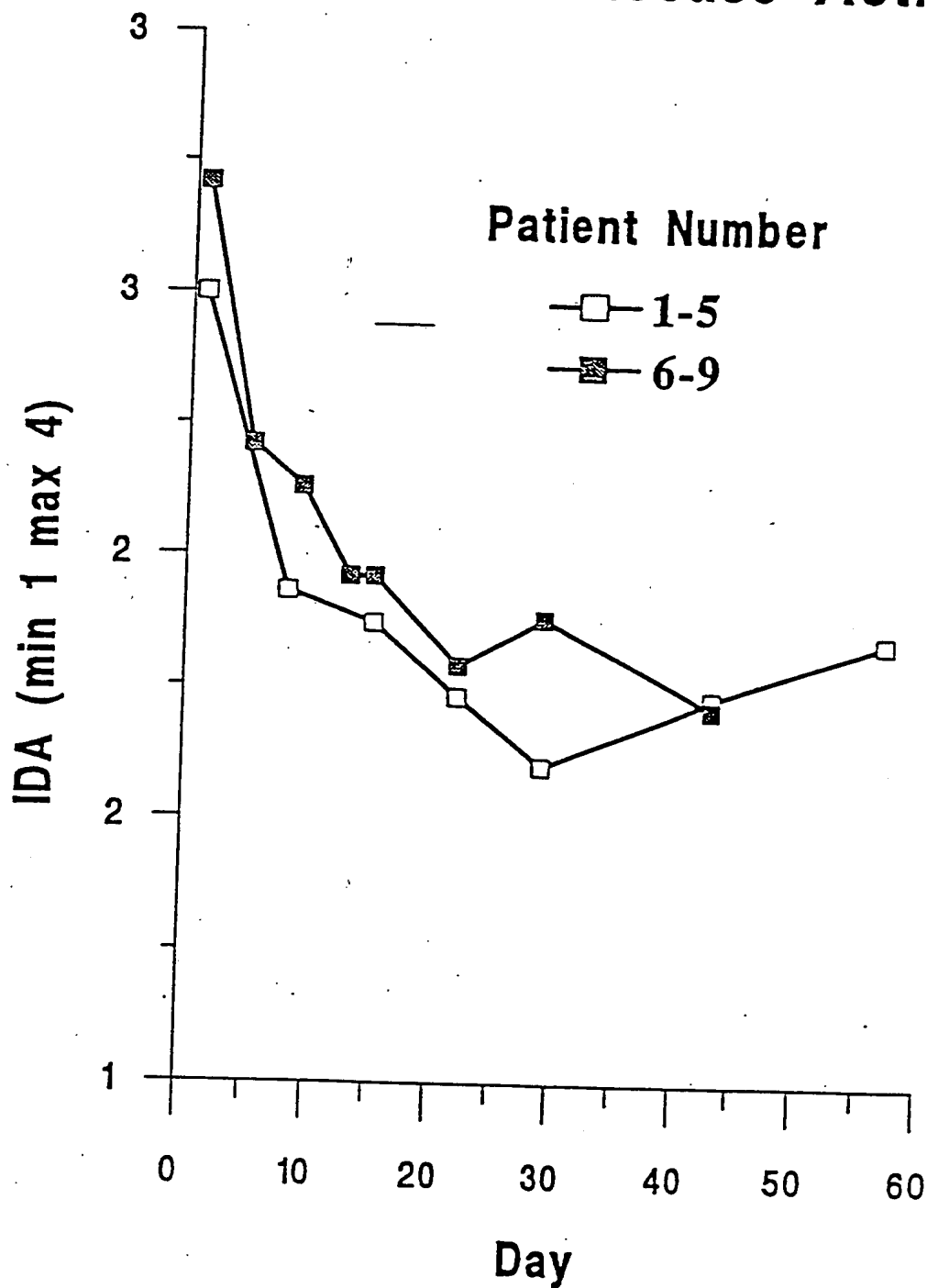


FIG 24

SWOLLEN JOINT COUNTS IN PATIENTS WITH RA FOLLOWING CA2 ADMINISTRATION

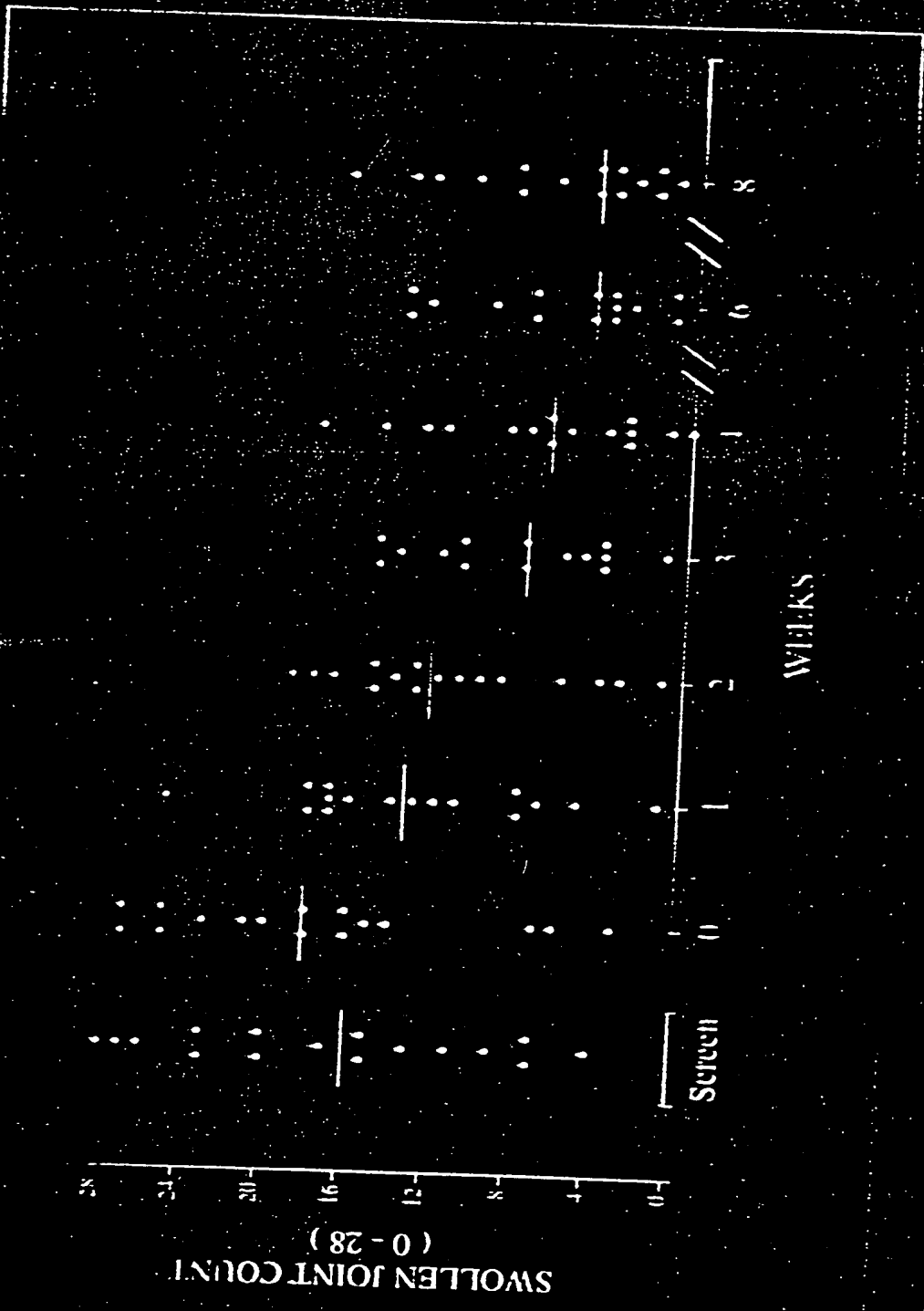


FIGURE 25

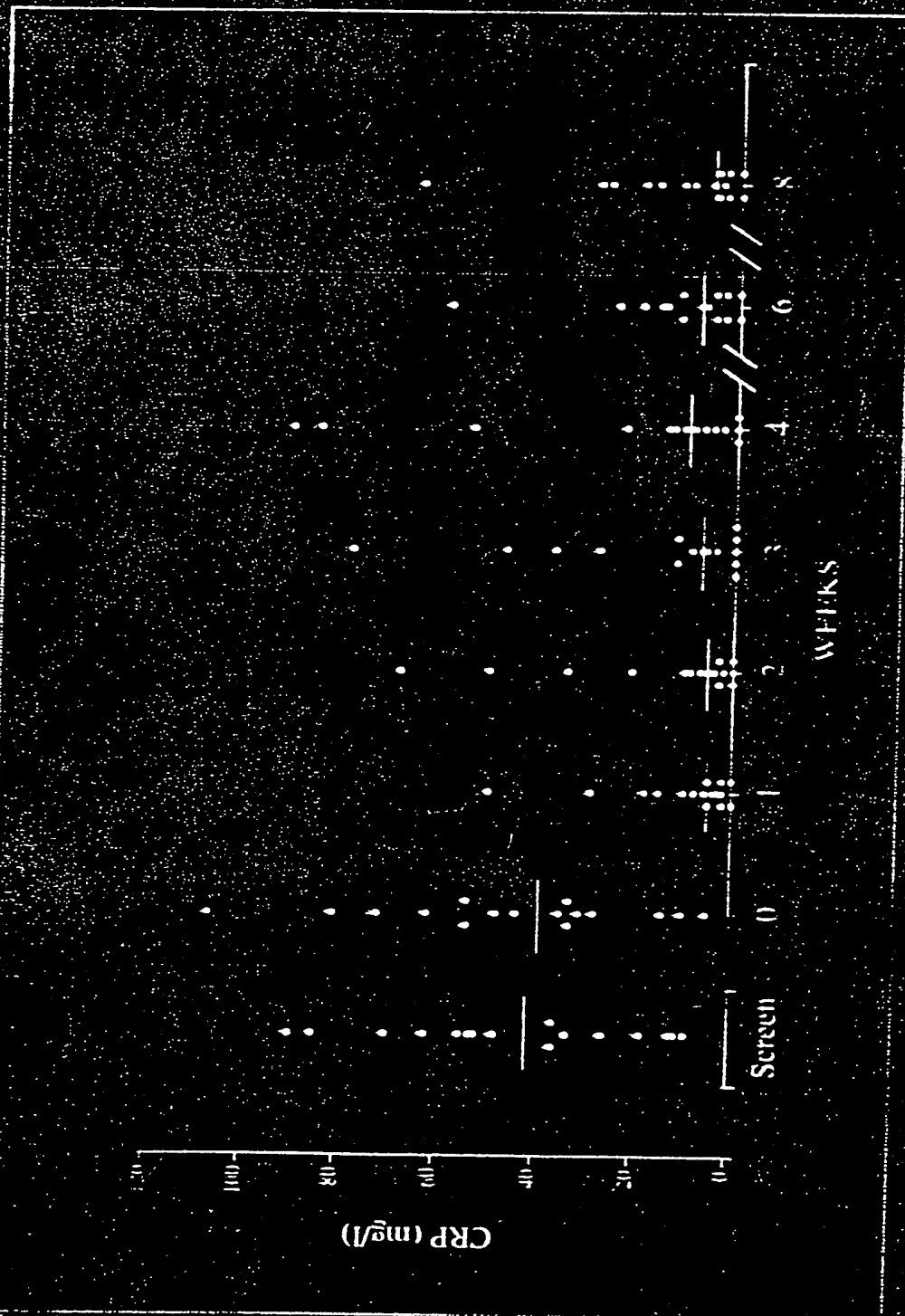
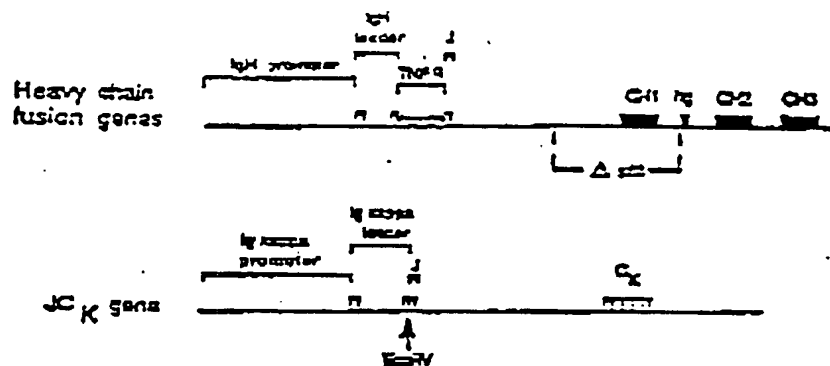


FIGURE 26

27 A



27 B

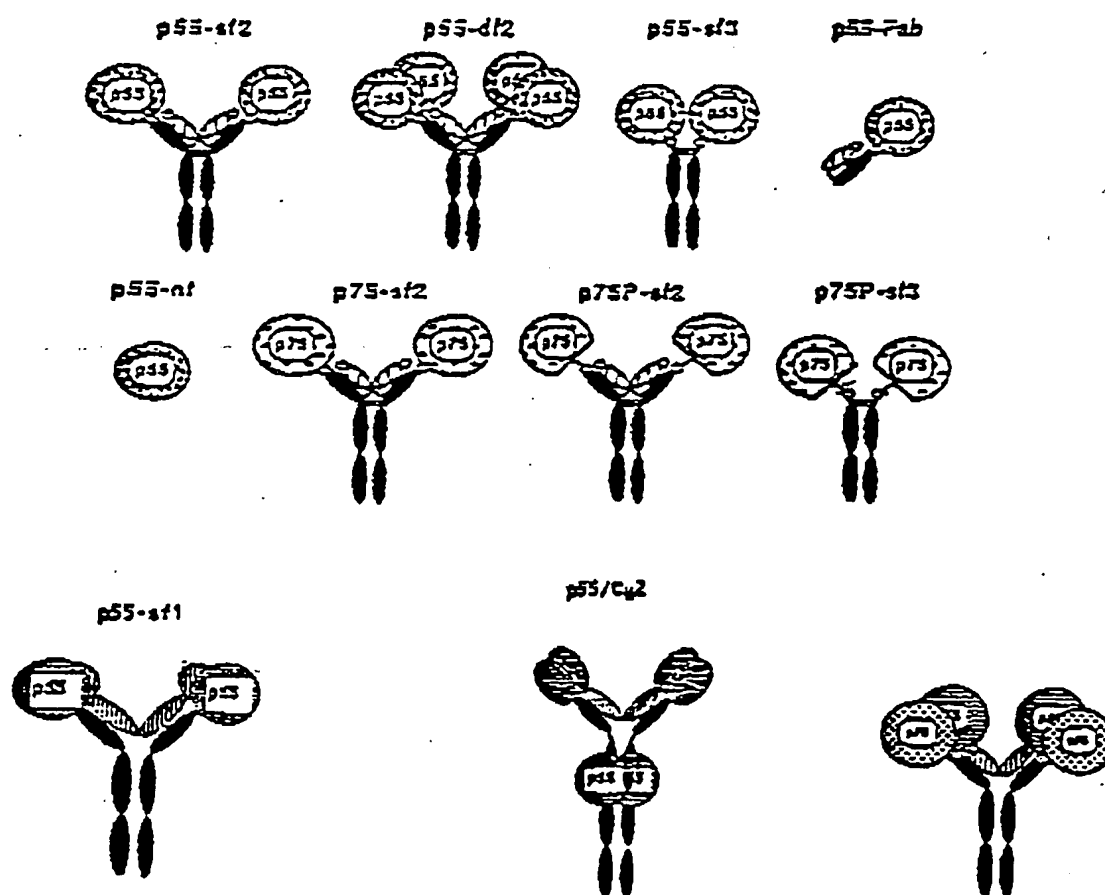


FIGURE 27 A-B

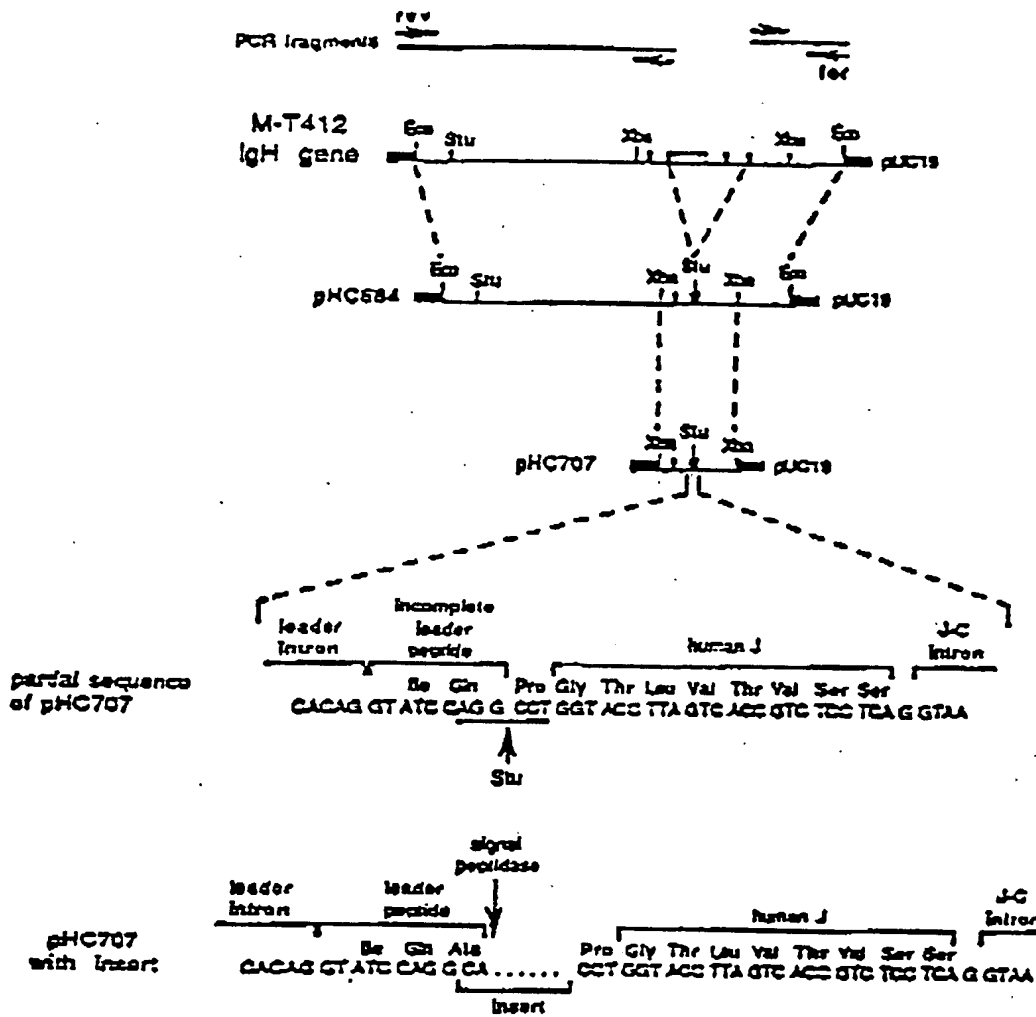


FIGURE 28

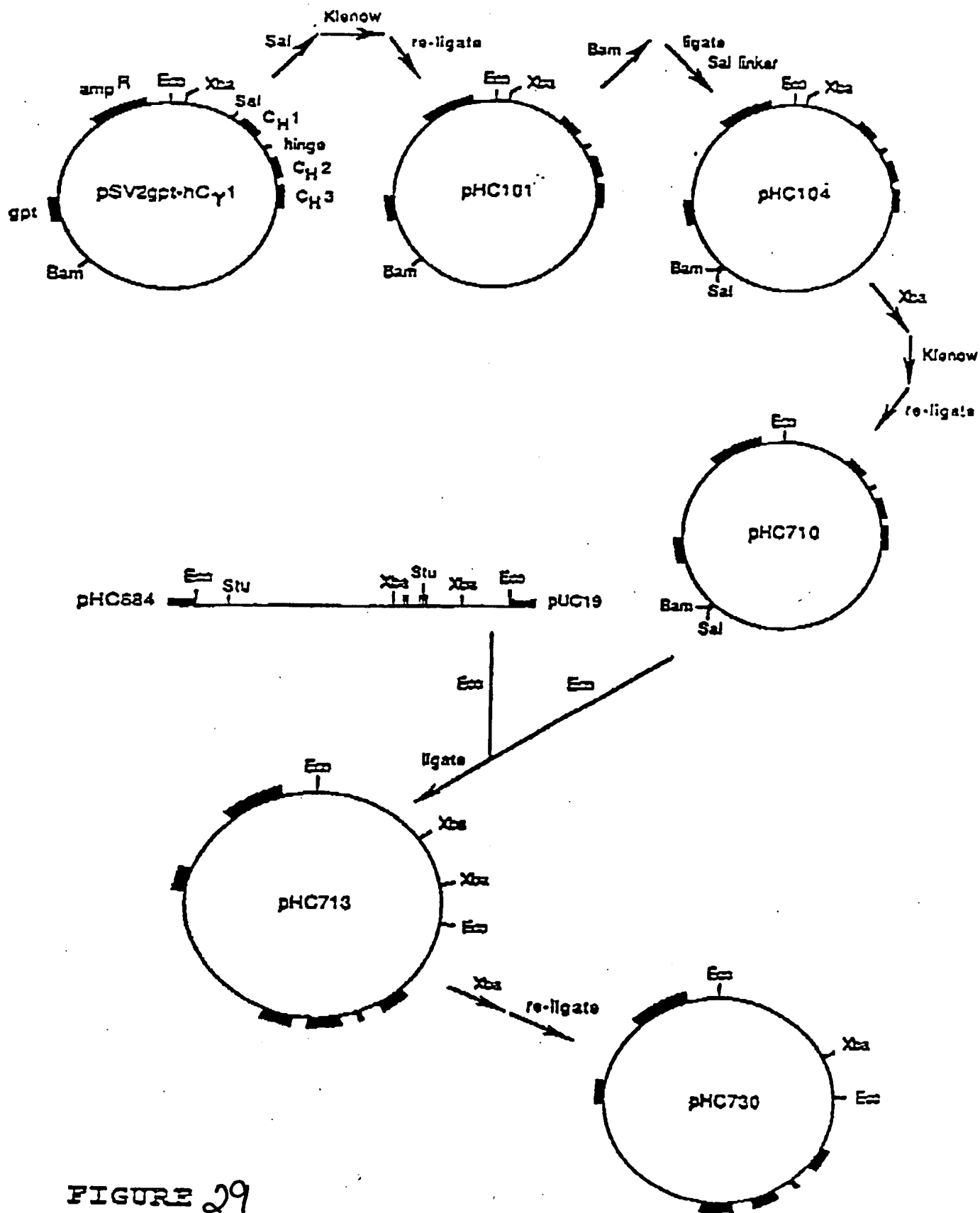


FIGURE 29

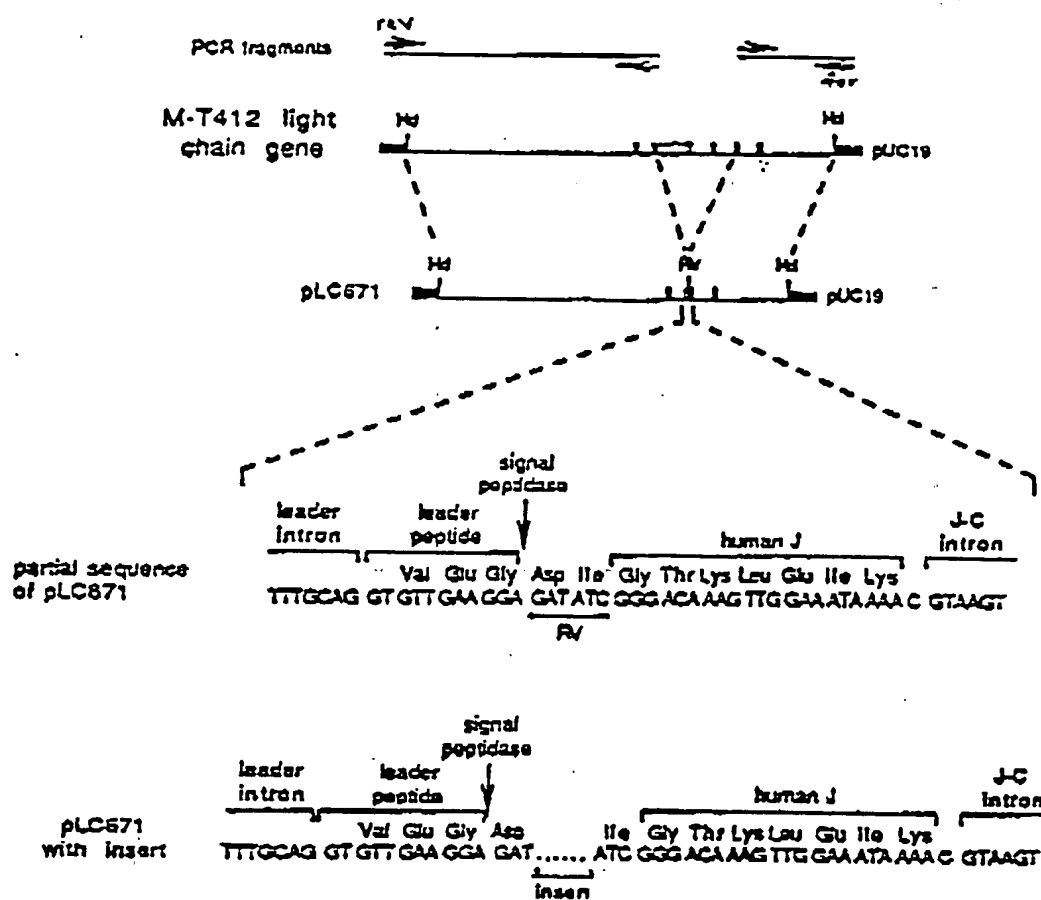


FIGURE 30

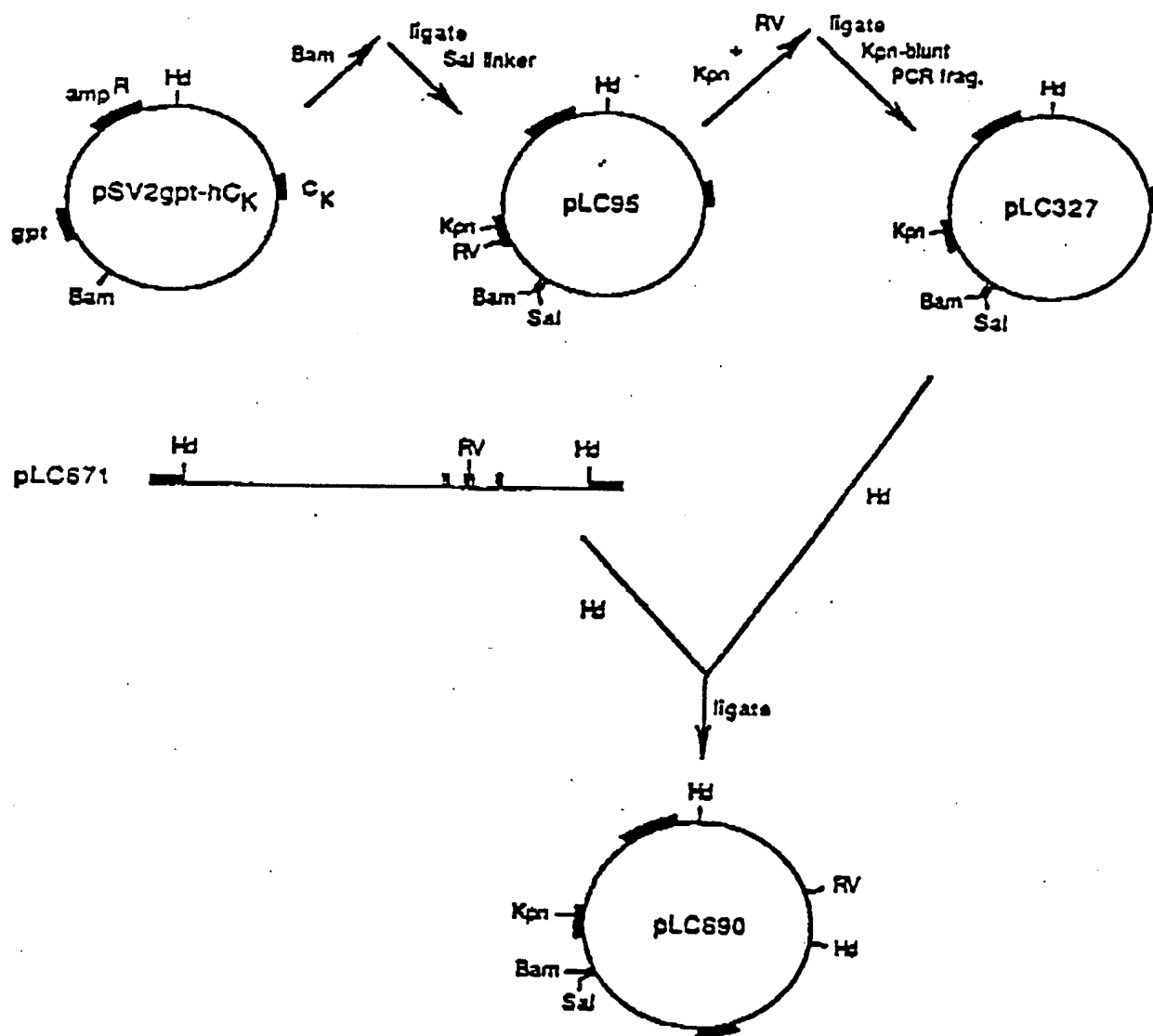


FIGURE 31

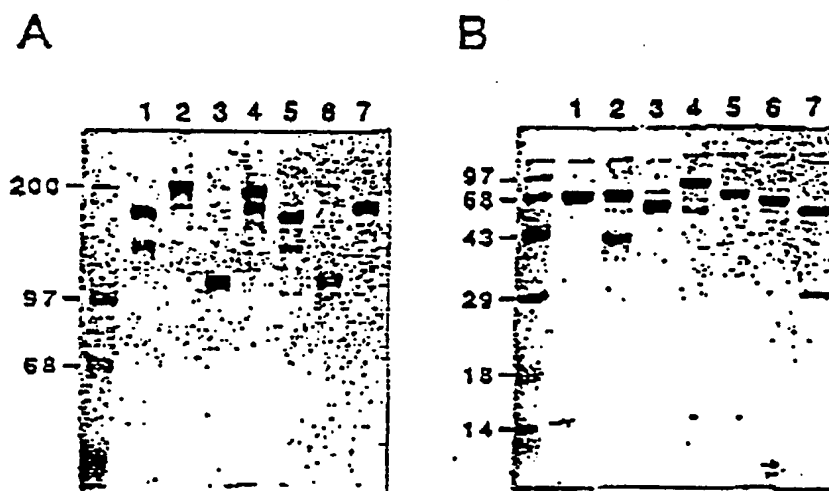
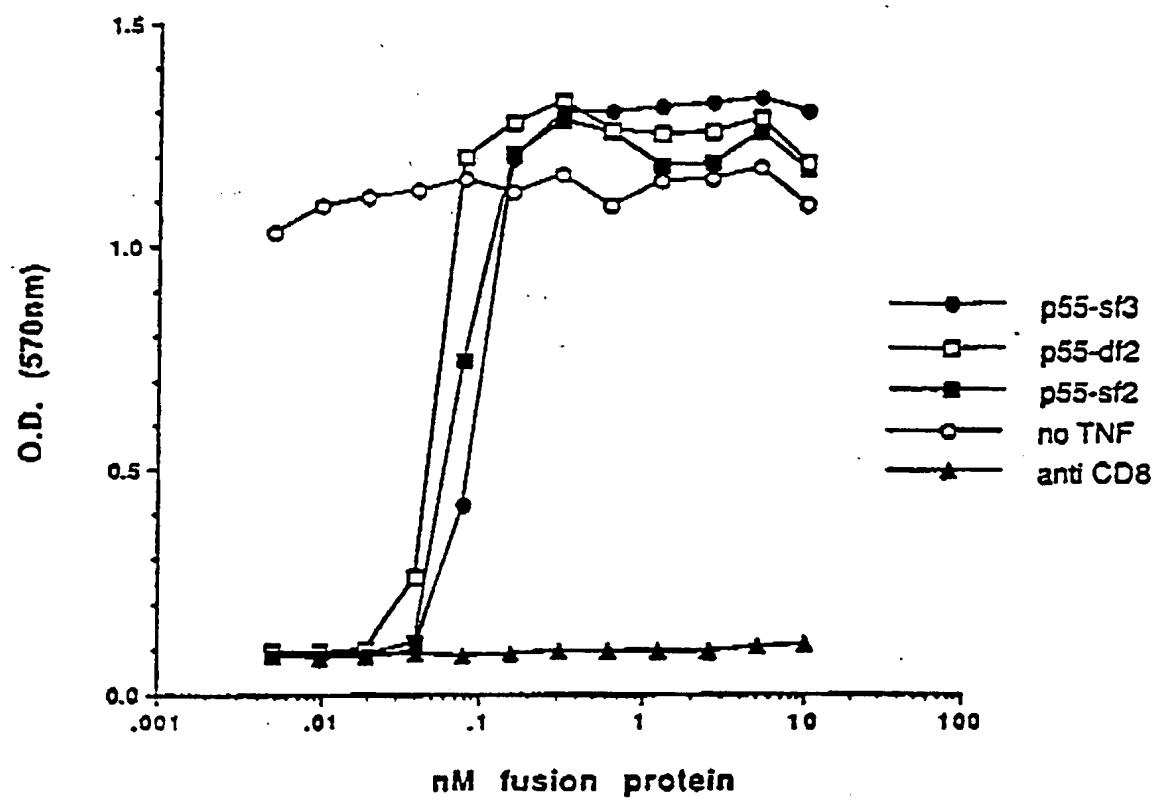


FIGURE 32

A)



FIGURE

33

A

B)

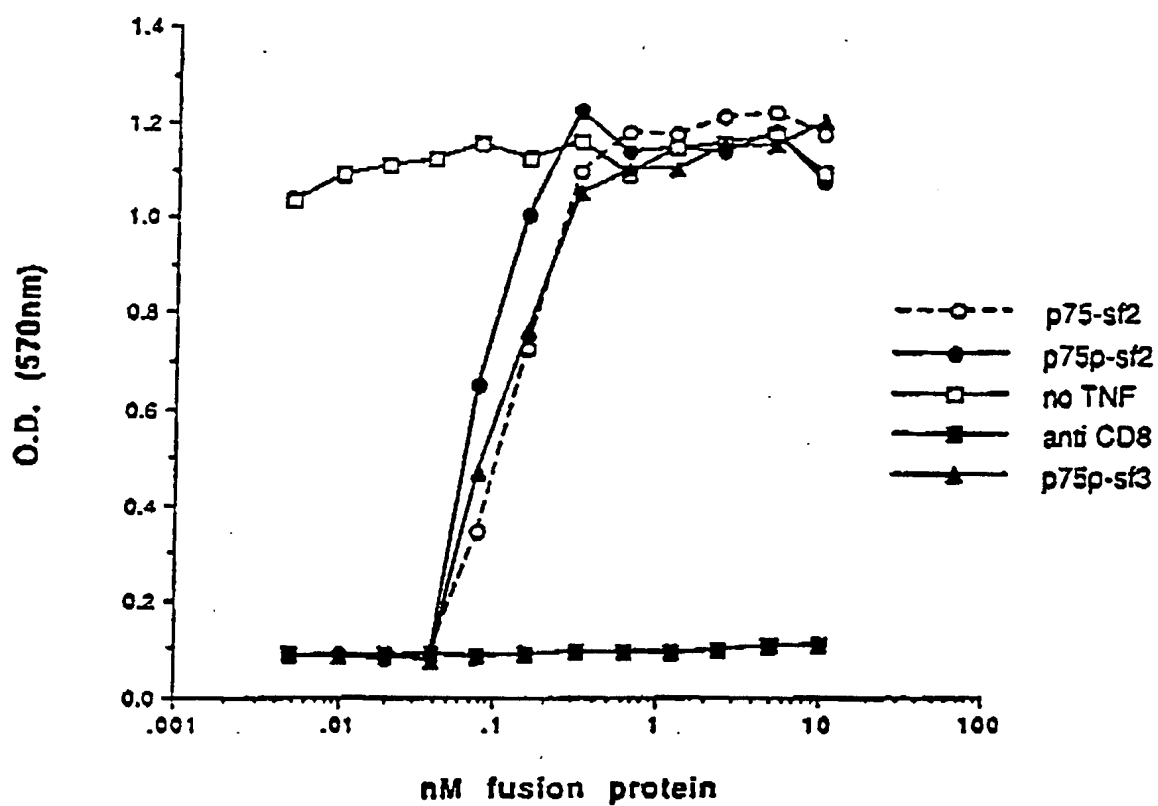
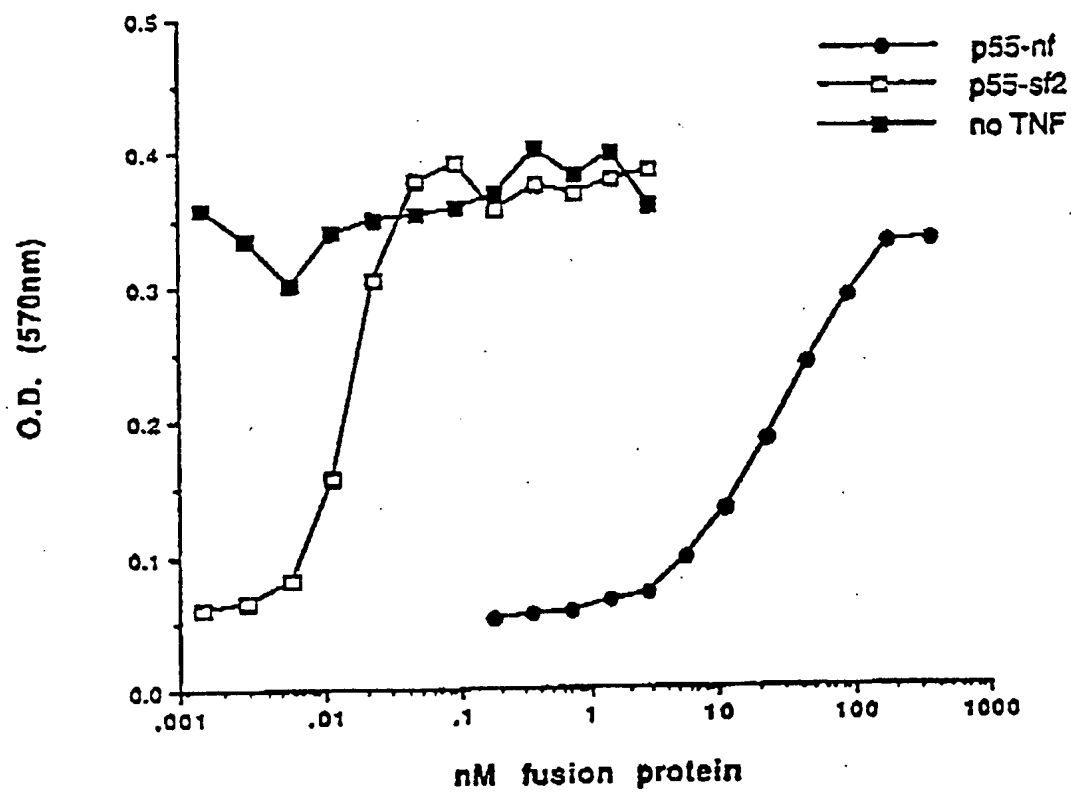


FIGURE 33 B

C)



FIGURE

33 c

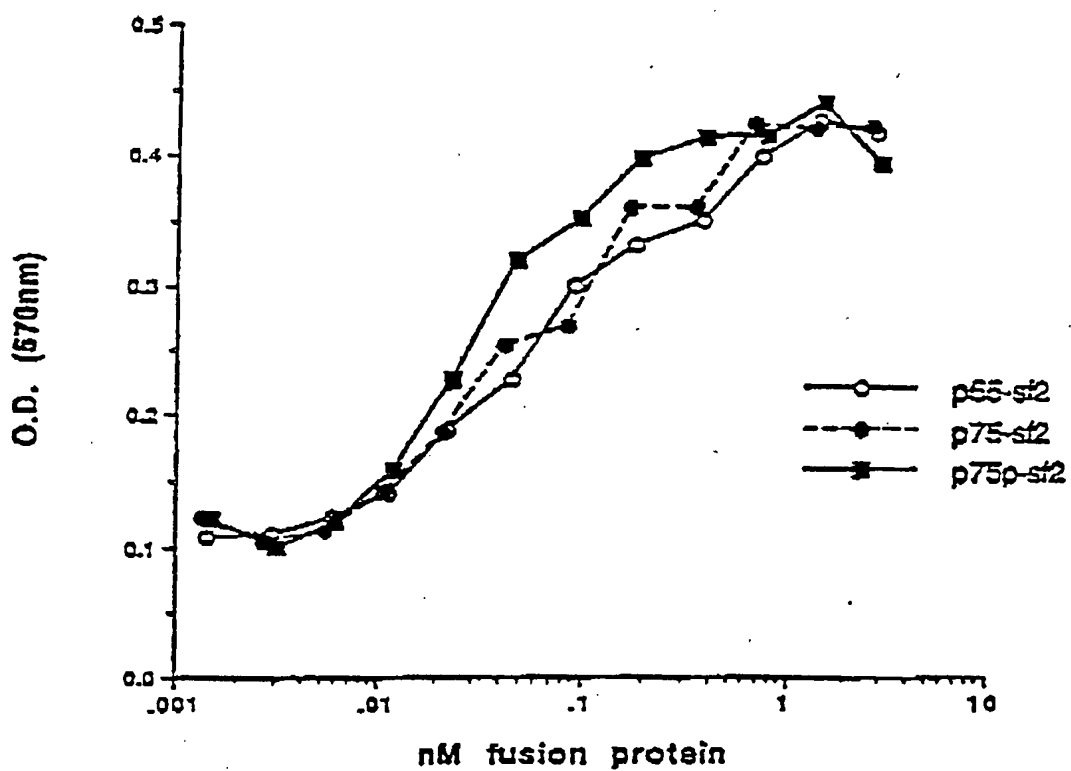
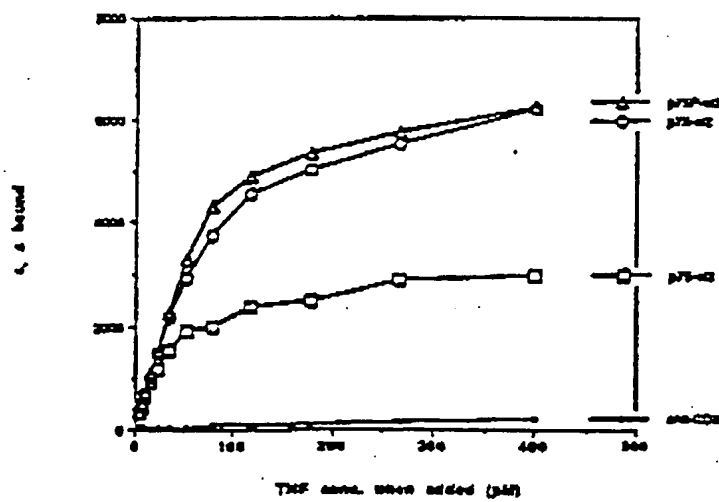
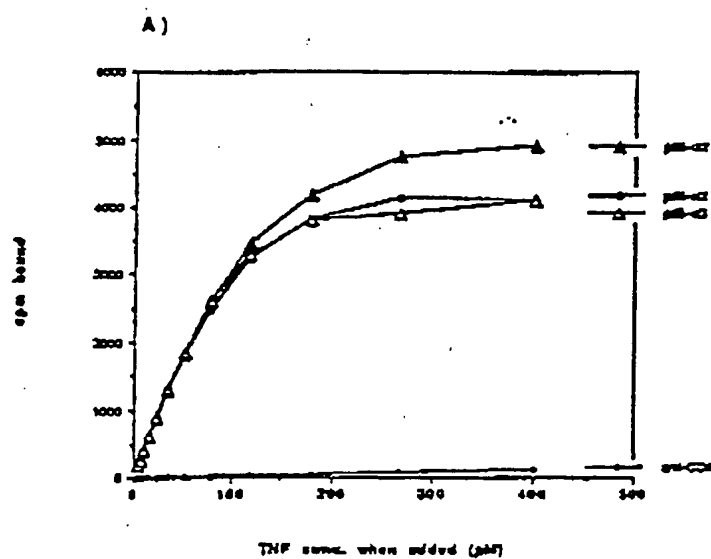


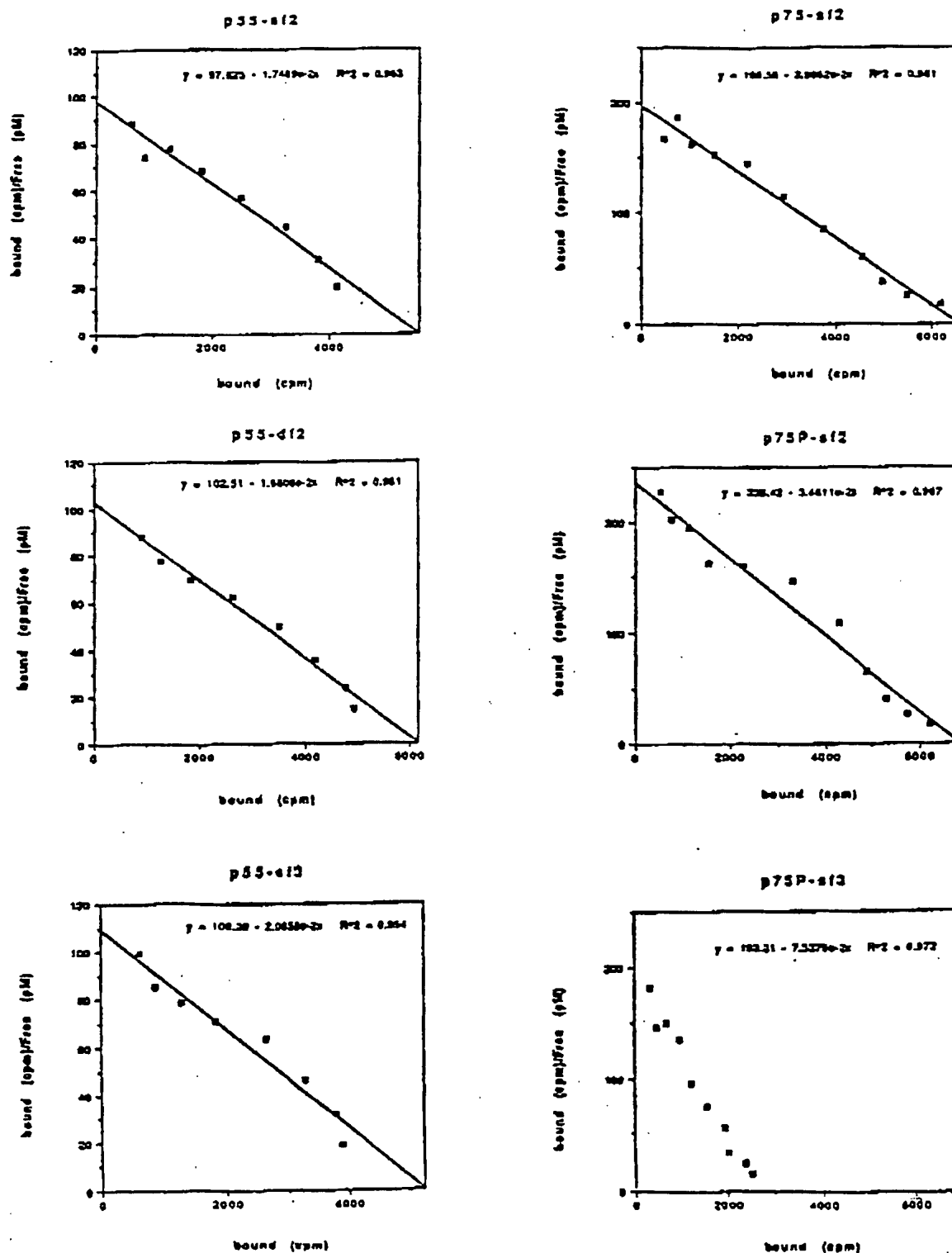
FIGURE 34



FIGURE

35 A

B)



FIGURE

35 B

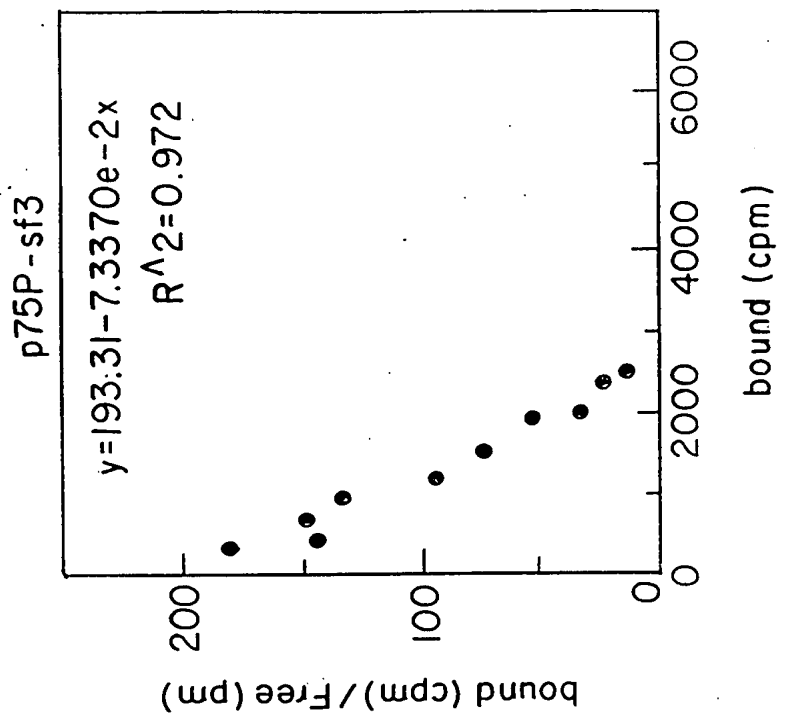


FIG. 33H

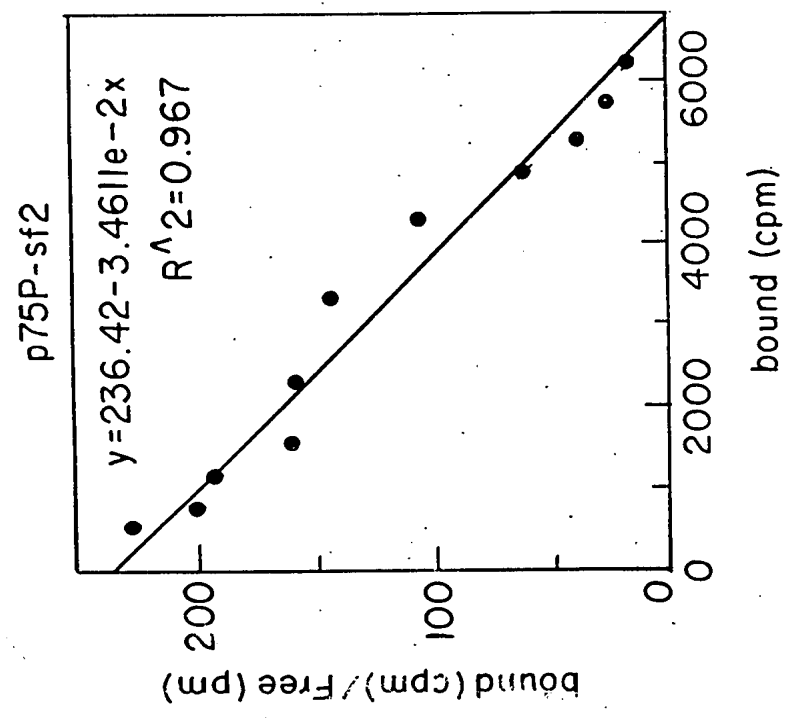


FIG. 33G